SERA

Repeater Journal

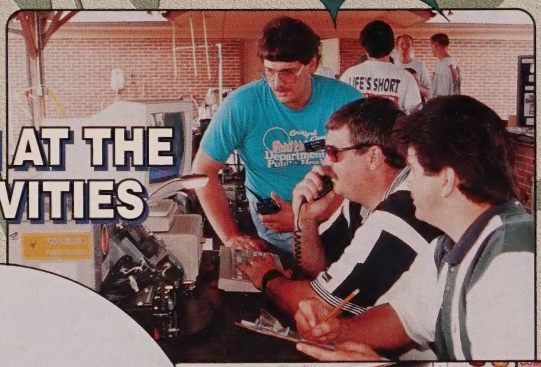
The Offical Voice of SERA, Inc.

AUG., SEPT., OCT. 1995 3.00

8-STATE REPEATER INDEX INSIDE

LAST CHANCE TO WIN!! IN THE REPEATER JOURNAL "ALIVE IN '95" CONTEST! PRIZES TO BE DRAWN SUNDAY SEPT. 3 AT THE SHELBY, NC HAMFEST - DON'T MISS OUT - SEE PAGE 20 INSIDE.

CLUBS TURN OUT FOR FUN AT THE 1995 ARRL FIELD DAY ACTIVITIES

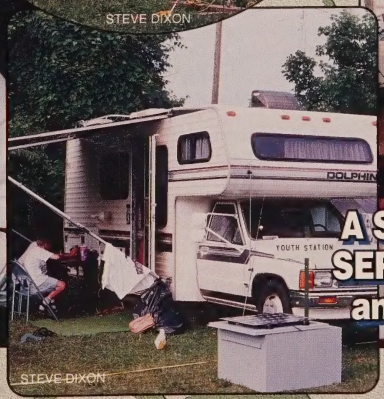


STEVE DIXON

STEVE DIXON

STEVE DIXON

STEVE DIXON



STEVE DIXON

Special This Issue:
A Special 8-Page Pullout!
SERA Coordination Policy and VHF/UHF Bandplans

SERA - Southeastern Repeater Association, Inc.
P.O. BOX 215
TOBACCOVILLE, NC 27050

BULK RATE
U.S. POSTAGE
PAID
Permit No. 383
Greensboro, NC
THIRD CLASS MAIL

COMET

MODERN, MULTI-BAND ANTENNA SYSTEMS

MOBILE ANTENNA PRODUCTS

Modern, high-performance stations use COMET Antennas, Duplexers, Triplexers and Accessories! COMET products are designed to provide an exceptional level of signal quality and coverage area. Whether operating mobile or from your base station, COMET products make you sound good. No other product line has the selection, convenience, quality and performance!

DUAL-BAND MOBILE ANTENNAS

FL-67S Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 4.5dBi ⅝ wave 446MHz 7.2dBi ⅝ wave x 3	1.5:1 or less	150 watts	4' 11"	Gold Plated PL-259

FL-62S Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 3.5dBi ½ wave 446MHz 6.0dBi ⅝ wave x 2	1.5:1 or less	150 watts	3' 5"	Gold Plated PL-259

NEW!

SB-7/SB-7NMO Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 4.5dBi ⅝ wave center-loaded 446MHz 7.2dBi ⅜ wave x 3	1.5:1 or less	70W FM	4' 7"	PL-259 or NMO style

NEW!

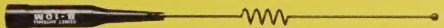
SB-5/SB-5NMO Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 3.0dBi ½ wave 446MHz 5.5dBi ⅝ wave x 2	1.5:1 or less	120W FM	38"	PL-259 or NMO style

NEW!

SB-2/SB-2NMO Dual-Band 146/446MHz

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 2.15dBi ¼ wave 446MHz 3.8dBi ⅝ wave	1.5:1 or less	60W FM	18"	PL-259 or NMO style



NEW!

B-10/B-10NMO Dual-Band 146/446MHz, Cellular Look-a-like

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 0dBi ¼ wave 446MHz 2.15dBi ½ wave	1.5:1 or less	50W FM	12"	PL-259 or NMO style

B-20/B-20NMO Dual-Band 146/446MHz, Cellular Appearance, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 2.15dBi ½ wave 446MHz 5.0dBi ⅝ wave x2	1.5:1 or less	50 watts	30"	PL-259 or NMO style

NEW!

SB-25/SB-25NMO Mono-Band 146MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 4.1dBi ⅝ wave center loaded	1.5:1 or less	100W FM	4' 9"	PL-259 or NMO style

COMET products are available from most major dealers. For customer service, or a complete catalog, please call us at 800/962-2611. We're confident COMET products and accessories will enable you to enjoy Amateur Radio to its fullest!

NCG COMPANIES
1275 North Grove Street
Anaheim, CA 92806
(714) 630-4541
FAX (714) 630-7024

NEW!

MINI SPEAKER/MIC

HM-P2K/F
Mini spkr/mic featuring full TX/RX quality!

Light weight, extremely small: 1 x2" with collar pocket clip.

HM-P2K: Kenwood Version
HM-P2F: Icom/Yaesu Standard/Alinco/etc.

TRI-BAND MOBILE ANTENNAS

CX-224/224NMO Tri-Band 146/220/446MHz, w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 2.15dBi ½ wave 220MHz 3.6dBi ⅝ wave 446MHz 6.0dBi ⅝ wave x 2	1.5:1 or less	100 watts	3'	PL-259 or NMO style

FJ-15S Tri-Band 52/146/446MHz w/Fold-Over

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
52MHz 2.15dBi ¼ wave 146MHz 4.5dBi ⅝ wave 446MHz 7.2dBi ⅝ wave x 3	1.5:1 or less	120 W FM	4' 10"	PL-259

HF MOBILE AND HT ANTENNAS

HA-4S Quad-Band HF 40/*(20)/15/12/10 Meters w/Fold-Over

Wave:	VSWR:	Weight:	Length:	Max Power:	Connector:
¼ wave	2:1 or less	1 lb. 14 oz.	4' 4"	120W SSB (200W SSB 28MHz)	PL-259

*L-14HS Optional 20 Meter Coil

NEW!

SH-55 Super Flexible 146/446MHz HT Antenna

Gain & Wave:	Max Power:	Length:	Connector:
146MHz 1.5dBi ¼ wave 446MHz 3.2dBi ⅝ wave x 2	10 watts	15.5"	BNC

NEW!

CH-722SA High Gain HT Antenna
Gain & Wave: 146MHz 3.0dBi ½ wave
446MHz 5.5dBi ⅝ wave x 2
Max Power: 50 watts
Length: 35", 2 sections, 18" each
Connector: BNC

CH-32 Miracle Baby 146/446MHz HT Antenna
Gain & Wave: 0dB ¼ wave
Max Power: 10 watts
Length: 1.75"
Connector: BNC

DUPLEXERS AND MOBILE MOUNTS

CF-4106K, I, J, 146/446MHz

Band Pass, Ins Loss, Max Pwr.
1.3-150MHz, 0.1dB, 800w PEP
400-540MHz, 0.2dB, 500w PEP
Isolation: 60dB
CONNECTORS:

	4160K	4160I	4160J
Output:	SO-239	SO-239	SO-239
Low In:	PL-259	PL-259	SO-239
High In:	PL-259	N-Male	SO-239

RS-21
Trunk, hatchback, rear door (van, blazer, etc.) mount. Adjustable to virtually ANY angle. Rubber-coated base protects vehicle paint.

NEW!

RS-820
Heavy-Duty, Low Profile Trunk Lip or Hatch Back Mount. Rubber-coated base protects vehicle paint.

WS-1M
Multi-Adjustable Window Clip Mount.
11.5 feet of high quality coax. Gold-plated UHF Conns. for Antennas up to 40" in height.

NEW!

3D4M Standard Cable Assembly
13.5 feet of low loss coax. Gold plated UHF (PL-259/SO-239) connectors.

3D5M Standard Cable Assembly
Same as 3D4M, but 17 feet of coax

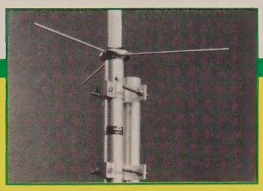
CK-5M Deluxe Cable Assembly
13 feet double shielded very low loss coax + 12" RG-188 teflon coax. Gold plated UHF (PL-259/SO-239) connectors.

CK-5M5 Deluxe Cable Assembly
Same as CK-5M, but 17 feet of coax

COMET

MODERN, MULTI-BAND ANTENNA SYSTEMS

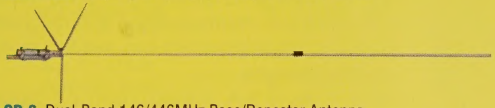
BASE/REPEATER ANTENNA PRODUCTS



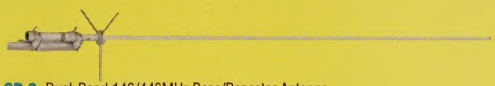
Featuring the COMET exclusive SLC System. The SLC actually increases the gain of the Dual/TriBand Antennas. A completely pre-formed phasing coil and phosphorous copper element produces a low-loss, highly effective, high gain antenna. All COMET antennas are pre-tuned and come complete will all mounting hardware. Simply mount to your mast and experience incredible COMET performance!

COMET DUAL-BAND

GP-9(N) Dual-Band 146/446MHz Base/Repeater Antenna
Gain & Wave: 146MHz 8.5dBi 5/8 wave x 3 446MHz 11.9dBi 5/8 wave x 8 **VSWR:** 1.5:1 or less **Length:** 17' 8" **Max Power:** 200W PEP **Weight:** 5lbs. 11ozs.
Connector: SO-239 (GP-9), N-type (GP-9N) **Mounts to Mast Size:** 1.25"-2.50"
Construction: Heavy duty fiberglass, 3 sections, 92MPH wind survival



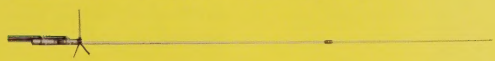
GP-6 Dual-Band 146/446MHz Base/Repeater Antenna
Gain & Wave: 146MHz 6.5dBi 5/8 wave x 2 446MHz 9.0dBi 5/8 wave x 5 **VSWR:** 1.5:1 or less **Length:** 10' 2" **Max Power:** 200W PEP **Weight:** 3lbs. 8oz.
Connector: Gold-Plated SO-239 **Mounts to Mast Size:** 1.25"-2.50"
Construction: Heavy duty fiberglass, 2 sections, 112MPH wind survival



GP-3 Dual-Band 146/446MHz Base/Repeater Antenna
Gain & Wave: 146MHz 4.5dBi 5/8 wave 446MHz 7.2dBi 5/8 wave x 3 **VSWR:** 1.5:1 or less **Length:** 5' 10" **Max Power:** 200W PEP **Weight:** 2lbs. 9ozs.
Connector: Gold-Plated SO-239 **Mounts to Mast Size:** 1.25"-2.50"
Construction: Single piece fiberglass, 130MPH wind survival

COMET MONO-BAND

CA-ABC23 Mono-Band 146MHz Base/Repeater Antenna
Gain & Wave: 146MHz 7.8dBi 5/8 wave x 3 **VSWR:** 1.5:1 or less **Max Power:** 200W PEP
Connector: SO-239 **Length:** 14' 12" **Weight:** 3lbs. 8 ozs.
Mounts to Mast Size: 1.25"-2.50"
Construction: Thick-wall aluminum, 3 sections, 70MPH wind survival



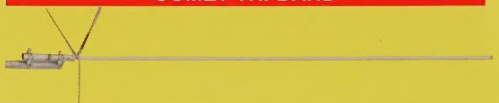
CA-712EF Mono-Band 446MHz Base/Repeater Antenna
Gain & Wave: 446MHz 9dBi 1/2 wave x 12 **VSWR:** 1.5:1 or less **Max Power:** 200W PEP
Connector: N-type **Length:** 10' 5" **Weight:** 2lbs. 12ozs.
Mounts to Mast Size: 1.25"-2.50"
Construction: Heavy duty fiberglass, 2 sections, 105MPH wind survival

CA-62DB Mono-Band 6 Meter FM Antenna
Gain & Wave: 52MHz 6.5dBi 5/8 wave x 2 **VSWR:** 1.5:1 or less **Max Power:** 500W PEP
Connector: SO-239 **Length:** 21' 8" **Weight:** 5lbs. 11ozs.
Mounts toMast Size: 1.25"-2.50"
Construction: Thick-wall aluminum, 5 sections, 100MPH wind survival

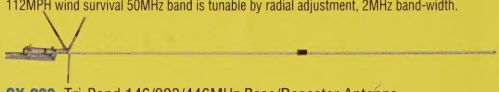
COMET products are available from most major dealers. For customer service, or a complete catalog, please call us at 800/962-2611. We're confident COMET products and accessories will enable you to enjoy Amateur Radio to its fullest!

NCG COMPANIES
1275 North Grove Street, Anaheim, CA 92806
(714) 630-4541 FAX (714) 630-7024

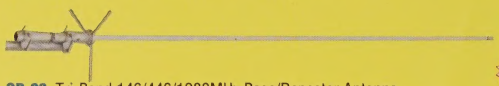
COMET TRI-BAND



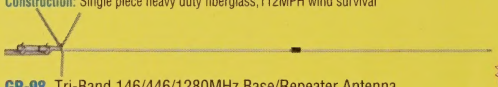
GP-15 Tri-Band 52/146/446MHz Base/Repeater Antenna
Gain & Wave: 50-54MHz 3.0dBi 5/8 wave 146MHz 6.2dBi 5/8 wave x 2 446MHz 8.6dBi 5/8 wave x 4 **VSWR:** 1.5:1 or less **Length:** 7' 11" **Max Power:** 300W PEP **Weight:** 3 lbs. 1 oz. **Mounts to Mast Size:** 1.25"-2.50"
Connector: Gold-Plated SO-239 **Construction:** Single piece heavy-duty fiberglass, 112MPH wind survival 50MHz band is tunable by radial adjustment, 2MHz band-width.



CX-333 Tri-Band 146/223/446MHz Base/Repeater Antenna
Gain & Wave: 146MHz 6.5dBi 5/8 wave x 2 223MHz 7.8dBi 5/8 wave x 3 446MHz 9.0dBi 5/8 wave x 5 **VSWR:** 1.5:1 or less **Length:** 10' 2" **Max Power:** 120W PEP **Weight:** 3 lbs. 10 ozs. **Mounts to Mast Size:** 1.25"-2.50"
Connector: Gold-Plated SO-239
Construction: Heavy duty fiberglass, 2 sections, 112MPH wind survival



GP-93 Tri-Band 146/446/1280MHz Base/Repeater Antenna
Gain & Wave: 146MHz 4.5dBi 5/8 wave 446MHz 7.2dBi 5/8 wave x 3 1280MHz 10dBi 5/8 wave x 6 **VSWR:** 1.5:1 or less **Length:** 5' 7" **Max Power:** 300W PEP (146MHz) 200W PEP (446/1.2) **Mounts to Mast Size:** 1.25"-2.50" **Weight:** 2 lbs. 8ozs.
Connector: Gold-Plated N-type
Construction: Single piece heavy duty fiberglass,112MPH wind survival



GP-98 Tri-Band 146/446/1280MHz Base/Repeater Antenna
Gain & Wave: 146MHz 6.5dBi 5/8 wave x 2 446MHz 9.0dBi 5/8 wave x 5 1280MHz 13.5dBi 5/8 wave x 12 **VSWR:** 1.5:1 or less **Length:** 9' 8" **Max Power:** 300W PEP (146MHz) 200W PEP (446/1.2) **Mounts to Mast Size:** 1.25"-2.50" **Weight:** 3 lbs. 8ozs.
Connector: Gold-Plated N-type
Construction: Heavy-duty fiberglass, 2 sections, 112MPH wind survival

CROSS NEEDLE METERS

- Separate Meter and RF Sensor allows for convenient placement of the meter.
- Cross Needle Meter provides FWD, REF, and VSWR simultaneously.
- The RF-Sensor is a compact design, and has an extremely low-loss circuit.
- Beautifully illuminated when connected to power supply.
- 6 foot cable standard.
- Optional EKS-3 10 foot extension cable for a total of 16 feet between the sensor and meter.
- Compact Size: (L) 4.75" x (W) 1.75" x (H) 3.5"

CMX-1	CMX-2	CMX-3
1.8-60MHz	1.8-200MHz	140-525MHZ
0-2KW	0-200W	0-200W
30/300/2KW	20/50/200W	20/50/200W

HUSTLER®

NEW DUAL BAND 2 METER/440 MHz. G6-270R

The high performance of our well known G6-144 and G6-440 are combined in our new 2 meter/440 dual band vertical, model G6-270R.

A sleek, one piece tapered fiberglass radome eliminates the intermodulation and mechanical problems associated with two and three piece UHF radome designs.

Made in the U.S.A. of high quality American materials, the G6-270R offers 6 dBd gain (8.1 dbi)on both bands for outstanding fringe area performance.

The antenna is shunt-fed and D.C. grounded for lightning protection and will survive winds to 100 mph.

The G6-270R is factory tuned for quick and easy installation.

Model G6-270

Specifications:

Gain:	6 db VHF 6 db UHF
Bandwidth:	10 MHz UHF 3MHz VHF
Design:	4x5/8 wave collinear 440 5/8 over 5/8 collinear 2 meters Shunt fed-DC ground
Length:	100 inches
Weight:	6 lbs
Wind Survival:	100 mph
Mounting:	Includes hardware for 1-1/2" dia. mounting mast Mounting plate will accept 2" U-bolts, not included.
Termination:	Type N female

NEWTRONICS ANTENNA CORP.

One Newtronics Place
Mineral Wells, Texas 76067
817-325-1386

CIRCLE 6 ON READER SERVICE CARD

SERA

The Premier Magazine for Repeater Owners & Users in The SouthEast . . . The SERA Repeater Journal

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.

SERA - SOUTHEASTERN REPEATER ASSOCIATION
DIRECTORS. VICE DIRECTORS & ASSISTANTS

KENTUCKY

DIRECTOR
Jeffrey Martin, N5KOL
308 Marylan Avenue
Bowling Green, KY 42101
(502) 842-1640

VICE-DIRECTOR
Mark Smith KM4IV
153 Riverside Drive
Ivel, KY 41642
(606) 874-2448

MISSISSIPPI

DIRECTOR SOUTH
Steve Grantham, N5DWU
P.O. Box 127
Ellisville, MS 39437
(601) 763-3559

VICE-DIRECTOR NORTH
Jim Akers, W5VZF
849 Akers Hill Road
Starkville, MS 39759
(601) 323-8389

NORTH CAROLINA

DIRECTOR
Danny Hampton, KM4OX
P.O. Box 19122
Raleigh, NC 27619-9122
(919) 662-9797

VICE-DIRECTOR
Linville P. Couch, K4OLC
1480 17th Street Dr. NE
Hickory, NC 28601-8267
(704) 328-8267

ASSISTANT DIRECTOR
Pamela Glaub, KC4SWM
P.O. Box 19122
Raleigh, NC 27619-9122

SOUTH CAROLINA

DIRECTOR - EAST
Bill Jones, N4MNH
1609 Bur-Clare Road
Charleston, SC 29412-8148
(803) 795-0843

VICE DIRECTOR - WEST
Gary Foster, WD8OXE
651 Foster Road
Inman, SC 29349
(803) 592-1131

VIRGINIA

DIRECTOR - EAST
Wally Burkett, WA4KXV
242 Raintree Road
Virginia Beach, VA 23452
(804) 486-1555

VICE-DIRECTOR - WEST
Don Williams, WA4K
412 Ridgeway Drive
Bluefield, VA 24605
(540) 326-3338 - (Fax) 322-2282

TENNESSEE

DIRECTOR
Johnny Wofford, WA4ETE
3626 Gillia Circle E.
Bartlett, TN 38135
(901) 384-3715 - (fax) 384-3879

W. TN COORDINATOR
Andy Masters, NU5O
240 West White Road
Collierville, TN 38017
(901) 853-8671

VICE-DIRECTOR
Tim Berry, WB4GBI
214 Echodale Lane
Knoxville, TN 37920-5042
(615) 579-3494

ASST. DIRECTOR
Brad Adams, N4PYI
1706 Benders Ferry Road
Mt. Juliet, TN 37122
(615) 773-7420

WEST VIRGINIA

DIRECTOR - NORTH
R.T. (Dick) Fowler, N8FMD
Route #3, Box 52
Clarksburg, WV 26301
(304) 623-9479

VICE DIRECTOR - SOUTH
H. Alex Hedrick, Jr. N8FWL
P.O. Box 417
Beckley, WV 25802-0417
(304) 252-9765 or 255-9106
FAX (304) 255-9354

ASSISTANT DIRECTOR
G. Dave Ramezan, KA8ZXP
P.O. Box 330
Glenville, WV 26351
(304) 462-7988

GEORGIA

DIRECTOR
Stu Sims, N4MXC
112 Carol Drive
Cochran, GA 31014
(912) 934-9236

VICE DIRECTOR
Mike Flammia, N4PLM
5303 Driskell Drive
Winston, GA 30187
(404) 489-1021

ASST DIRECTOR
Bert Coker, N4BZJ
2102 Milican Lane
Dalton, GA 30721
(706) 259-5625

ASST DIRECTOR
Scott Haner, KB0Y
1610 Marion Street
Valdosta, GA 31602
(912) 244-9402

AUGUST, SEPTEMBER, OCTOBER 1995 - ISSUE 3

Page 1 - Editorially Speaking . . !

thoughts whizzing in my cranium!

First I would like to thank the folks at Royal Printing Co. of Johnson City, Tn, and especially Benny Peterson, WA4SQC for an outstanding job in designing the cover for our May Journal. We received very many positive comments about it. I told Benny, "we cannot back up now, we've got to do as good or better from now on."

* * * * *

HELP! I NEED HELP!

If you've been following us with past issues this year, you've read about our "Alive in 95" membership contest. This was my brainchild, and I sold it to the SERA Board to shell out about $4,000 to put this thing on.

I envisioned hundreds, maybe even thousands of new members coming in at the hands of you readers. Well, so far it hasn't happened. I am already writing my epitaph on paper so the Board can know what I want on my tombstone when they "rack" me up.

Seriously folks, we've got about three weeks before this thing ends at the Shelby Hamfest. If each of you went out there and signed up just ONE member, the contest would be an outstanding success. See page 20 for the contest.

Give me a little hand on this one, will you! It's gonna be tough to put out a Journal with mine chopped off! And I'll probably be cackling the rest of the year for all the crow I'll have to eat. And you know how I *hate* to be humble.

* * * * *

This is our third issue on Quark Express typesetting. We're learning a little more as we go along. It's a humongous program, that does just about anything. I haven't much more than scratched the surface with it yet, but we're working on it. One change this issue, is the type you're reading right now. We obtained the Century type font a couple of months ago, and switched from Times Roman to Century for the body copy of the Journal hopefully a little easier to read.

* * * * *

Another milestone is being reached with this issue. I am beginning my 18th year as Editor of the Repeater Journal which is in its 24th year of existance. There were only two others before me.

Also, Sharon Ward probably hasn't noticed it, but she just passed the 11 year mark as Sales Manager for the Journal.

Her husband David, KA4LVO was also working with us in various capacities. He was working with Lindsay Cleveland, W4IZI (the man who gave SERA a database before people even knew what a database was). Together they were looking ahead with the advent of the PC computer which was just being introduced on the market. The existing SERA database was on a huge main frame in C and unix scripts, then later Cobol. They were developing software that would enable the huge database to be placed on PC computers.

In 1985, David relieved Lindsay from the computer chores and completed the job of getting from a mainframe to a PC later that year. Later, it became official, David was SERA Full and Associate Membership chairman, and in charge of all computer operations. Lindsay retired after 10 faithful years of computing for SERA.

Another old-timer with SERA is Ray Adams, N4BAQ. He took the reins as Treasurer in September of 1981. The next year, he accomplished something no one else had been able to do, get SERA a non-profit status with the IRS.

Continued on Page 58

SERA Officers And Committee

ELECTED OFFICIALS

SERA PRESIDENT
Dave Shiplett, AC4MU*
107 Mossy Lake Rd - Perry, GA 31069
Phone: (912) 987-3000

SERA VICE-PRESIDENT
Nita Wofford, N4DON*
3626 Gillia Circle E., Bartlett, TN 38135
Phone: (901) 384-3715 (fax) 384-3879

SERA TREASURER
Raymond K. Adams, N4BAQ*
5833 Clinton Hwy., Suite 203
Knoxville, TN 37912
(615) 687-5410 (H) - 688-7771 (W)

SERA SECRETARY
H. Alex Hedrick, Jr., N8FWL*
P.O. Box 417 - Beckley, WV 25802
(304) 252-9765 or (304) 255-9106

APPOINTED OFFICIALS

FULL & ASSOC. MEMBERSHIP COMPUTER RECORDS MGR.
David Ward, KA4LVO
P.O. Box 215 - Tobaccoville, NC 27050
(910) 983-0879 (Leave Msg. on Recorder)

SERA TECHNICAL ADVISOR
Danny Hampton, KM4OX
5453 Rock Svc. Sta. Rd - Raleigh, NC 27603
(919) 662-9797

SERA TECHNICAL ADVISOR (ATV)
Ralph W. Fowler, N4NEQ
1500 Old Hwy. 41 - Kennesaw, GA 30144
(404) 422-0793

SERA FCC LIASON CHAIRMAN
Rose Bond, FCC
Koger-Gwinnett, #320 - 3575 Koger Road
Duluth, GA 30136

REPEATER JOURNAL EDITOR
Wayne C. Williams, K4MOB
600 Lakedale Road - Colfax, NC 27235
(910) 993-5881 (After 7:00 PM)

JOURNAL ADVERTISING DIRECTOR
Sharon Ward
P.O. Box 215 - Tobaccoville, NC 27050
(910) 983-0879

REPEATER JOURNAL CIRCULATION
Guilford Amateur Society, (GAS) Gbo., NC

ASSOCIATE MEMBERSHIP EMERITUS
Lindsay Cleveland, W4IZI - Duluth, GA

JOURNAL CORRESPONDENTS
NC - Gene Fegely, K3EJG
"LowCountry" SC - Ed Frank, KC4OOZ
WV - Ted Wolfe, WD4KHL
"happy hamette" - Cindy Rogers, KR4LS

**Members of Executive Committee*

NOTE: The *SERA Repeater Journal* is Copyright 1995 by The SouthEastern Repeater Association, Inc. Original stories, text and charts may be reproduced or re-printed by any organization without prior consent, provided credit is given. The SERA Repeater Index may be published or reproduced in any form by any publication or electronic means to be distributed without charge. Appropriate credit must be given to the *SERA Repeater Journal*. Reproduction or publication of the SERA Repeater Index in any form, mechanically or electronically for a charge is prohibited without prior written consent of SERA, Inc. All other rights reserved.

SERA Repeater Journal

Aug., Sep., Oct. 1995 - Volume 24, No. 3
Organized in 1971 - "Entering our 24th Year"

The Voice of SERA, Inc Presents Page 2

In This Issue . . .

Editorial Comment - thoughts whizzing in my cranium! 1
SERA Board Meets 3
Hamfests Getting Shorter and Shorter 6
West Virginia News (Ted Wolfe, WD4KHL) 10
National Conference of VECs Meet 15
LAST CHANCE - Contest Application 20
tales from the happy hamette (Cindy Rogers, KR4LS) 22
Foundation for Amateur Radio scholarship winners 37
North Carolina News (Gene Fegely, K3EJG) 40
Low Country SC News (Ed Frank, KC4OOZ) 43
Full Membership passes 1,200 Mark 60

Where to Find it Quick!

Directors/Vice Directors.....1
Officers & Committee.....2
Repeater Journal Newstand Dealers.....9
Full Membership Application.....15
SERA Repeater Index City/State.....24-32
SERA Repeater Index by Freq.....32-36
RJ Advertising Rate Card.....43
SERA Net Directory (New!!).....48-49
Repeater Club/Net Service Page.....52
VEC/VE Exam. Schedule.....51-55
Hamfest Calendar & Coming Events.....59
Repeater Journal Advertisers Index.....60

About the SERA Repeater Journal Magazine:

The SERA *Repeater Journal* is published quarterly, the first week of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, inc., an eight state repeater coordinating orgnization made up of repeater owners and users. Permission is granted for use of material other than repeater indexes contained in the *Repeater Journal* (See important note this page) provided proper credit is given. The *Repeater Journal* Editor will swap newsletters with other Repeater Organizations, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, one month prior to publication. News deadlines are the first of the month prior to publication month. The *Repeater Journal* is entered as Third Class Mail at the Post Office in Greensboro, NC. The *Repeater Journal* newstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the southeast. All news and newsletter exchanges should be mailed to the Editor: Wayne C. Williams, K4MOB, 600 Lakedale Road, Colfax, NC 27235.

About the SouthEastern Repeater Association, Inc.

SERA, SouthEastern Repeater Association, Inc. is one of the largest, most well known, non-profit Repeater Coordinating Organizations in the United States. SERA territory covers over 2,000 repeaters in member States of North Carolina, South Carolina, Virginia, Tennessee, West Virginia, Kentucky, Georgia and Mississippi. SERA celebrates its 24th annivetsary in 1995 with a continuing goal - to serve the repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of the *Repeater Journal*, and the guidance of our State (Director) Coordinators, officers and volunteers. Your support, comments and reccomendations are appreciated.

About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable Amateurs to support the organization and receive the Repeater Journal. Associate Membership deadlines are the 15th of the month preceding months of publications - (Jan. 15, April 15, July 15, and October 15). Persons joining or renewing their memberships must have their application into the Tobaccoville Post Office Box by those deadlines to receive the next upcoming Repeater Journal , published the first week of February, May, August and November. Memberships received after any deadline will not receive next to-be-published Repeater Journal, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (Repeater Journals mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership Repeater Journals are mailed 3rd Class Bulk Mail. SERA does not issue receipts for Membership applications, nor are Repeater Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next Repeater Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, NC, 27050-0215. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership (Repeater Owners)

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may join SERA as a Full Member if they have an operable repeater on the air. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the Repeater Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with an asterisk (*) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, NC 27050-0215 for further information.

SERA Board Meets

The SERA Board of Directors met in Tennessee the weekend of July 22-23. Special guests included some members of the Digital communities in several states, members of the Alabama Repeater Council, Mid-America Coordinating Council and others.

One of the important items on the agenda was the approval of changes recommended in the SERA Coordination Policy and Guidelines.

The Board also named a committee to work on updating the Coordinator's "Form 3" which is the initial form set for persons wishing to coordinate a frequency.

Steve Grantham, K5DWU was appointed to the Executive Committe, replacing Wayne Williams, K4MOB who resigned.

The Board heard reports from the visitors and other business was conducted.

We are unable to give a complete report of the Board meeting due to the late scheduling of the meeting some 24 days past deadline for the Journal, and the editor not attending. Available time was used getting the coordination policy updated.

Need a BIB!

Order your BIB (Back Issue Bundle) today. Each bundle includes different past issues of the *Repeater Journal*, beginning with November, 1993 and ending with the May, 1995 issue.

Each 7-issue BIB costs $5.00, which includes shipping.

A single back issue is $2.00, 2 issues are $4.00, 3 to 7 issues are $5.00, and each issue over 7 is 50-cents. Naturally this offer is good while supplies last. Send your request to: **SERA, P.O. Box 215, Tobaccoville, NC 27050-0215.**

WCARS-VEC Offers Service

The WCARS-VEC has announced that now that the FCC has designated "Technician Plus" as a separate class of license the FCC database would and should reflect the Technician class license with a T or a P.

The changes will be made on the FCC database without issueing new licenses.

WCARS-VEC has offered to assist in correcting any errors due to the changes. If you are a Technician Plus and the FCC database shows you as a Technician, write WCARS-VEC and they will instruct you what documentation they need to get the database corrected for you. (Also see WCARS ad on the VE exam section).

Wilson Resigns; Stafford Takes over As ARRL President

-from ARRL Letter

On July 1, ARRL President George Wilson III, W4OYL, submitted his resignation from the office he hald since January 1992. Wilson who suffered a stroke on February 11 remains in the rehabilitation hospital in Evansville, IN.

Rodney J. Stafford, KB6ZY, of San Jose, CA assumed the duties of the 12th president of ARRL on July 1. Stafford, 52, has been first vice president of the ARRL since January 1992, and succeeded to the presidency from that position in accordance with the League's by-laws.

Wilson said that while has has made progress in rehabilitation, his medical condition prevents him from traveling and from devoting the energy required to perform the duties of the office for the remainder of his term, which would have expired at the January 1996 ARRL Board meeting.

Upon completion of the rehabilitation program in Evansville, Wilson will return to his home in Owensboro, KY.

WILLIAMS RADIO ALINCO PRICES

OVER 21 YEARS OF AMATEUR SALES & SERVICE!

DR-130T -**2M** 50W Xcvr. 20 Memories - expandable to 100 Mem..... **$289.00**

DR-150T - **2M** 50W Xcvr. 100 Mem, DSQ 450 Rec, acft & more **$339.00**

DR-610T - **2/70** Loaded Dual Xcvr. 120 Mem - dual VFOs..... **$639.00**

DX-70 - 10M thru 160M & 6M TINY **HF** Xcvr Gen Cov. Rec. (7 X 9-in).... **$1,129.00**

DJ-F1T - 3W **2M** Mini Full Fea. H/T 40 Mem. (7.2V 700 Mah)..... **$249.00**

DJ-F1T (H) - **5-Watt Version** of DJ-F1T (12V 600 Mah Batt Incl)..... **$269.00**

DJ-G1T - 80 Mem. **2M** w/70 cm rec(7.2V 700 Mah Batt)..... **$259.00**

DJ-G5T - 200 Mem. **2/70** Dual H/T NEW 200 Mem - LITZ function..... **$469.00**

DJ-582T - (Like DJ-580) **2/70** H/T w/new larger keyboard, faster scan 3W. **$389.00**

***DJ-582T(H)** - **5-watt version** (12V 800 Mah Batt Incl)..... **$409.00**

***DJ-582T (LL)** - 3W **Long Last version** (7.2V 1,500 Mah Batt. Inc.).... **$409.00**

Prices quoted are with coupon deals and are subject to change without notice or obligation. Limited stocks of some models. Add $5.00 UPS shipping. NC residents add 6% Sales Tax. CODs, we pay COD you pay $5.00 UPS shipping and insurance charge. NO Credit or Check Cards.

600 LAKEDALE ROAD, COLFAX, NC 27235 - PHONE (910) 993-5881 AFTER 7:00 PM FOR ORDERS.

Presenting the 39th Annual

SHELBY, NC HAMFEST

The Grand-daddy of them All!

SATURDAY AND SUNDAY

September 2nd and September 3rd

To Be Held At The Cleveland County Fairgrounds

SHELBY, NORTH CAROLINA

ACRES OF FLEA MARKET -- INDOOR DEALER BUILDINGS

CAMPING -- FOOD -- FORUMS -- PRIZES

ARRL Sanctioned and Proudly Sponsored by the Shelby Amateur Radio Club!

VOLUNTEER EXAMS BY WCARS/VEC

Saturday, Sept. 2nd and Sunday Sept. 3rd, at 2:00 p.m. at The CLEVELAND COUNTY OFFICE BUILDING, adjacent to the Hamfest grounds. NO PRE-REGISTRATIONS -- **WALK-INS ONLY.**

FOR MORE INFORMATION CONTACT

Norman Harrill, N4NH, No. 7 Skylyn Court, Asheville, N.C. 28806

Applicants must bring original and photocopy of present license, any certificates and picture I.D. to the examination session. Make Checks Payable to WCARS/VEC for $5.90.

AWARDS! AWARDS! AWARDS!

PRE-REGISTRATION AWARD -
Kenwood TH-22AT H/T with KSC-14 Drop-in Charger. Drawing at 0900 Saturday, September 2, 1995

MAIN AWARDS -
Drawings Saturday, Sept. 2, and Sunday, Sept. 3 at 1400. Kenwood TS-450S/AT HF Transceivers

HOURLY AWARDS:
Kenwood TM-251A 2-Meter, given hourly Saturday, Sept. 2 and Sunday Sept. 3, beginning at 0900 thru 1300.

Major awards obtained through the cooperation of KENWOOD CORP. and DOC'S COMMUNICATIONS
NO Member of the Shelby Amateur Radio Club or immediate Family is eligible to win any Awards.

General Hamfest Info
John Ledford, N4GOQ
3410 Oakcrest Drive
Shelby, NC 28150
Phone: (704) 482-4507

General Hamfest Info
Ace Lovelace, WD4NHM
719 Washburn Switch Rd.
Shelby, NC 28150
Phone: (704) 434-2140

DEALER CHAIRMAN
Barbara Elliott, N4MRZ
P.O. Box 191
Fallston, NC 28042
Phone: (704) 538-7919

The Shelby Hamfest

LOCATION - Cleveland Cty Fairgrounds on U.S. 75 Bus., at intersection of NC 180, 3-1/2 miles east of Shelby.

FACILITIES - Indoor buildings for all new equipment dealers. Over 15 acreas for all types of tailgating. Plenty of FREE parking outside grounds.

REGISTRATION - $4.00 for pre-registration and $5.00 at the gate. All tickets good for both days. children under 12 FREE. Pre-registration ticket requests received after August 25 will be held at the front gate.

OVER-NITE CAMPING - Spaces not available until Sunday, August 27. Facilities include over 40 sites with full hook-up, water, sewer and electricity. Sites available on a first-come basis and **none will be reserved under any circumstances.** Unlimited field space for self contained units.
$10.00 per day for full hook-ups (lights, water, sewer)
$5.00 per day for water and lights
$5.00 per day for tents, etc.
ATTENTION MOTOR HOMES: If you must drive your motor home away from your campsite, please notify the camping committee chairman, Keith Queen, KR4VY, and receive your "Campsite Oppupied" sign.

FLEA MARKET - Spaces not available until Sunday, August 27. The Shelby Amateur Radio club reserves the right to limit the amount of flea market space. Flea market space cannot be reserved, is on a first-come basis, and is not transferable. **CHARGES:** One admission ticket for a 10-foot space. Tickets must be purchased before occupying space. Gates open at 0600 Saturday and Sunday. **VENDORS -** Requiring tent spaces, contact Bobby Fisher, AB4OE, (704) 937-9697.

ACTIVITIES - To be held **in tent just below Fire Station.** Sunday School sunday morning at 10:00. bingo for ladies following sunday school.

FORUMS - To be held in the fire Station's meeting room on Saturday: 10:00 - ARRL Forum by John Kanode, N4MM, Roanoke Division Director - 11:00 MARS forum by Bob Vardeman, W4VRI -13:00 DXCC/DXAC forum by Gary Dixon, K4MQG, DXCC Advisory Committee - 14:00 DX Packet Cluster by Roger Burt, N4ZC

FREE PARKING - Across road from Entrance on paved lighted lot. HANDICAPPED & TAILGATERS use gate near intersection of Hwy. 74 Business and Hwy. 180

TALK-IN ON 146.28/88 - **HAMFEST INFO LINE (**After Aug. 27) - Direct line to Hamfest Site: (704) 480-6928

Some of the motels in the area are listed below. They recommend that you call well in advance - reservations may be a problem.

SHELBY, NC MOTELS
Hampton Inn - 1-800-HAMPTON
Freedom Lodge - 1-800-562-5759
Days Inn - 1-800-892-0418
Governor's Inn - 1-800-523-7378
Town House - 1-704-484-8539
Janus Bed & Breakfast - 1-704-482-1262
The Inn at Webbley Bed & Breakfast - 1-800-852-2346

KINGS MOUNTAIN, NC
Comfort Inn - 1-800-221-2222
Holiday Inn - 1-800-465-4329
GASTONIA, NC
Mid-town, Howard Johnson, Scottish Inn, Knights Inn, Econo Lodge, Hampton Inn, Innkeeper
LINCOLNTON, NC
Town & Country

GAFFNEY, SC
Days Inn, LaDel Motel, Comfort Inn, Holiday Inn Express.
FOREST CITY, NC
Gardo's Big Horn, Goodes, Henderson Inn.
HICKORY, NC
Howard Johnson, Holiday Inn, Mull's Ramada Inn.

1995 SHELBY HAMFEST PRE-REGISTRATION FORM

RJ-8-95

I would like to Pre-Register for
The 1995 SHELBY HAMFEST!

Enclosed is my check for: _____ Hamfest Tickets at $4.00 each. Total:_____
Children under 12 years-old FREE!

Mail Completed Pre-Registration form with your check. Include SASE for return of your tickets.
Pre-Registration Ticket Stubs will already be in the Barrel.

Call_____Name_____
Address_____
City_____State_____Zip_____
Phone: [ ] _____

Mail Completed Pre-Registration form with your Check, Please include S.A.S.E. for Return of tickets
MAIL TO: SARC
P.O. BOX 2206
SHELBY, N.C. 28151-2206
Pre-Registration Tickets Will Already Be In The Barrel.
Note: No member of the Shelby Amateur Radio Club or immediate family is eligible to win any awards.

Coordination Lines Drawn At I-26 In South Carolina

The South Carolina Director and Vice Director have split the State in half as far as coordination duties are concerned. Bill Jones, N4MNH, SC Director will coordinate the Eastern half of the State. The Vice-Director, Gary Foster, WD8OXE will coordinate the Western portion of the State.

They said the dividing line in the state for coordination purposes will be Interstate 26. Repeater owners should make a note of this.

(800) 727-WIRE (9473)

That's all you need to know about wire, cable and their accessories!

20 Years of quality & service!

New! WIREBOOK III

Full of wire and cable information

ONLY ***$3.00*** *ppd*

CALL

The Wireman, Inc.

OR AUTHORIZED DEALER

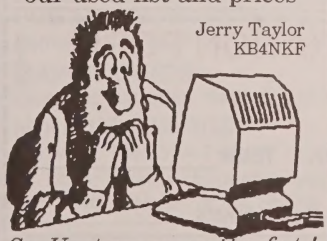
TECH HELP (803) 895-4195

HAMPSTEAD COMPUTER WORKS

New Parts & Accessories and Used Computers

Call us for a fax of our used list and prices

Jerry Taylor
KB4NKF



See Us at many area Hamfests!

HAMPSTEAD COMPUTER WORKS

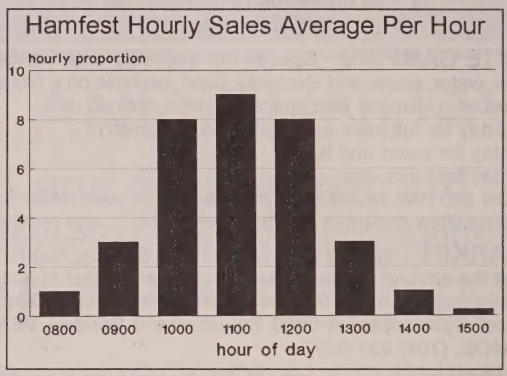
14695 HWY. 17,
HAMSTEAD, NC 28443
PHONE: (910) 270-4612
FAX: (910) 270-4622

Did you come too late to see the show?

Hamfests Getting Shorter & Shorter

Have you been one of the unfortunate ones who came to the local hamfest after lunch and discovered almost everyone was gone.

It's happening that way more and more. In today's fast world, people are in a hurry. They drop by the hamfest, meet some friends, talk a few moments, look over the goodies, then do a little price shopping. A short break for refreshment is on the agenda for some, then they make their purchase and leave.



It seems that most attending hamfests want to come in mid-morning and leave around lunch.

This can be confirmed by our interview with several dealers who have covered a wide scope of hamfests this year in the Southeast.

One dealer said, "If we don't get the sale between 10:00 AM and noon, we won't get it at all."

Peak selling times at hamfests now seems to be mid-morning until noon or after, depending on the size of the show and how many people are attending.

Unfortunately a lot of show sponsors continue to advertise their show as running till 3:00 PM or even 4:00 PM. This is really just wishful thinking.

Many show sponsors are falling into the trap of hourly prizes. They try to give away lots of hourly prizes, and discover at noon, or 1:00 PM they still have quite a few to give away.

You can forget that. Generally by 1:00 PM the crowd has thinned so much, they would have to draw a 100 tickets to find someone present.

Final prize drawings at some shows lag on agonizingly until 3:00 PM. By that time, there are more people on the stage than in the audience.

Several dealers suggest, get all hourly prize (where person must be present to win) drawn and given away by noon at the latest.

The final drawing could be held at 1:00 or 1:30 PM. Then any attendees who wished to remain, and shop could do so.

Let me explain! Dealers do not run by the clock. They run by sales. As sales begin to drop, they watch things. When 30 minutes or so goes by, and it is at least 1:00 PM, and no sales are happening, they consider the show over, and start packing up. Lots of times, by 2:00 PM, if lack of sales justify, at least 80% of the flea market venders and about as many dealers have packed and gone.

Dealers shell out a very large expense to attend a hamfest - salaries, meals, motels, booth prices (which generally run as high as $100 to $200 per booth/table at large shows - $25 to $35 per table at medium and smaller shows.) - gas, truck expenses, and even the cost of having to close their store while they are at hamfests.

It is not unusual for a major dealer to have booth prices of $800 and weekend expenses of $1,400 overall going to a large show. With profit margins, he will have to gross over $15,000 in sales before there is any hint of profit for him.

You can understand why he is ready to leave when sales drop off at the hamfest.

With the survey of several dealers, we asked them to rate sales for a day at the average hamfest on a scale of 1 to 10 for each hour. Assign a number between 1 and 10 which accurately portrays sales for that hour. The response confirmed what we just said about peak sales occurring mid morning to noon, and by 1:00 PM it's mostly over.

If you plan to attend your local hamfest, you can judge what time to arrive by what time it is during the day.

Light Crowd, plenty of time - 0900
Heavy Crowd, busy - 1100
Light Crowd, hour to shop - 1200
Take your chances - 1300
Forget it - you're too late - 1400

Have fun, support your local hamfest, but keep in mind, the show hours aren't like to used to be. Times change!

Only A few weeks before it's all over for you to win! See Pg. 20
The SERA ***"Alive in '95"***
Contest ends Labor Day.
Drawing is at the Shelby Hamfest on Sunday - Hurry!

QRV ELECTRONICS

"Azden Sales and Service"

AZDEN®

2, 6 & 10 Meter Handhelds

- ★ Heavy duty commercial grade construction designed to meet MIL-STD-810 provides exceptional ruggedness and weather resistance. 2 year limited warranty.
- ★ 5 Watt battery standard on all models.
- ★ Backlit LCD (liquid display)
- ★ Memories: 40 in 2 banks, plus 1 temporary.
- ★ DTMF Pager and Code Squelch
- ★ DTMF Telephone Memory: (7 numbers AZ-21A only)
- ★ Scan Memory Skip
- ★ Auto Power Shut-Off
- ★ Battery Power Saver: Approximately 28 mA in Save Mode
- ★ Dimensions: 6¼"h x 2¾"w x 1¾"h
- ★ Weight: Approx. 1 lb.
- ★ TRANSMITTER: High Power 5 Watts; Low Power 0.5 Watts

▶**Model AZ-21A** 2-meters; 144–148MHz transmit, 136–174MHz FM plus 118-135.995 MHz AM receive **$299**

▶**Model AZ-61** 6-meters; 50–54MHz FM transmit, 46–54 MHz FM receive.....**$379**

▶**Model AZ-11** 10-meters; 28–29.7MHz FM transmit, 28–29.995MHz receive **$379**

AZDEN®

2, 6,10 Meter 220 & 440MHz Mobiles

Designed to meet the Heavy Duty requirements of MIL-STD-810...

- ★ C-MOS microcomputer control
- ★ Wide frequency coverage
- ★ Adjustable output power
- ★ Large amber backlit display
- ★ 20 channel memory
- ★ Priority channel
- ★ Repeater reverse
- ★ Offset
- ★ Programmable frequency step
- ★ Built-in programmable tone encoder
- ★ 20 channel memory
- ★ Keyboard up/down frequency selection
- ★ Feather-touch keyboard
- ★ Independent on/off power-switch
- ★ Lithium battery back-up
- ★ Multi-function microphone
- ★ Optional tone squelch decoder unit
- ★ 2"h x 5.5"w x 7.25"d

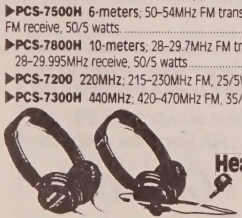
▶ **PCS-7000H** 2-meters; 144–148MHz transmit, 136–174MHz FM plus 118-135.995 MHz AM receive, 50/10W **$334**

▶**PCS-7500H** 6-meters; 50–54MHz FM transmit, 46–54 MHz FM receive, 50/5 watts.....**$389**

▶**PCS-7800H** 10-meters, 28–29.7MHz FM transmit, 28–29.995MHz receive, 50/5 watts.....**$389**

▶**PCS-7200** 220MHz; 215–230MHz FM, 25/5W **$409**

▶**PCS-7300H** 440MHz; 420–470MHz FM, 35/5W **$439**



AZDEN Headphones

The Model DM-10 Headphones (left) and the Model HS-03 Headphones with Boom Microphone (right) have been specifically designed to enhance voice reception and transmission. The lightweight, soft ear pads and adjustable headband permit long hours of use. The earphones on both models have a 20Ω impedance and a 200-5000Hz response with a 6dB rise at 2400Hz, 1/4" phone plug is supplied. The dynamic boom microphone on the HS-03 features a 500Ω impedance and a 300-4000Hz response with a 6dB rise at 2500Hz. An 8-pin connector is supplied. DM-10 **$49.95** • HS-03 **$69.95**

QRV Electronics

503 Main St. - 106-A
P.O. Box 330
Crawford, GA 30630
Ph/Fax 706-743-3344

AZDEN COMMUNICATIONS DIVISION

ALINCO ELECTRONICS INC.

Kantronics

rfconcepts™

Tigertronics
Grants Pass, Oregon

Valor®

WINTENNA

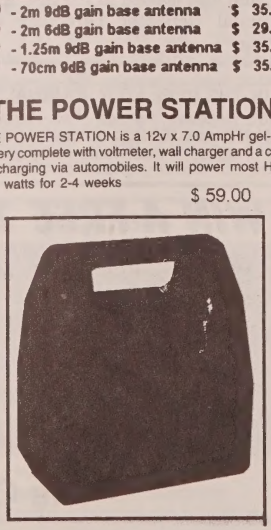
Wintenna Base Antennas:

9209	- 2m 9dB gain base antenna	$ 35.00
9206	- 2m 6dB gain base antenna	$ 29.00
9309	- 1.25m 9dB gain base antenna	$ 35.00
9409	- 70cm 9dB gain base antenna	$ 35.00

THE POWER STATION

THE POWER STATION is a 12v x 7.0 AmpHr gel-cell battery complete with voltmeter, wall charger and a cord for charging via automobiles. It will power most HT's at 5 watts for 2-4 weeks

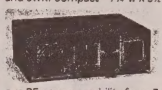
$ 59.00



VECTRONICS

ANTENNA TUNERS

▶**VC-300M** Mobile Antenna Tuner Compact, lightweight and economical for base or mobile. Compatible with almost any antenna, including vertical, dipoles, inverted Vees, beams and mobile whips that are fed by coaxial cable, and open feeders, balanced lines, or single wires. Designed to provide matching from 1.8 to 30 MHz, and up to 300W continuous RF power capability. Dual-movement cross-needle meter simultaneously monitors RF power and SWR. Compact – 7¼"w x 3½"h x 8¾"d, 2½ lbs.....



▶**VC-300DLP** Antenna Tuner A good quality, economical antenna tuner designed to provide matching from 1.8 to 30 MHz, and up to 300W continuous RF power capability from 3.5 to 30MHz (150W on 1.8MHz). Built-in dummy load, a dual-movement cross-needle peak or average reading meter, and a meter light. Compatible with almost any antenna including verticals, dipoles inverted Vees, beams and mobile whips that are fed by coaxial cable, and balanced lines or single wire; a 4:1 balun and six position antenna selector switch are built-in. 10¼"w x 9½"d x 3½"h, 3¾ lbs..

▶**HFT-1500** Antenna Tuner Rated 1500W (3KW PEP) 1.8 to 30MHz, 1000W (2KW PEP) on 160 and 10M. Features a cranked continuous roller inductor with a turns counter, and vernier tuning on both the antenna and input capacitors. A dual-movement cross-needle meter shows average forward and reverse power, and SWR; a 21-segment digital bargraph indicates peak power. For accuracy, a true RF directional coupler sensor is used for the internal wattmeter function. Includes a built-in 4:1 balun for balanced antenna feedline and six-position antenna selector switch. 5½"h x 12½"w x 12"d, 10 lbs.....

1995 PYRAMID

PS9K
5AMP POWER SUPPLY w/CIGARETTE ADAPTER

- Fully Regulated, Low Ripple
- Output 13.8 VDC
- 5 Amp Constant
- 7 Amp Surge Capacity
- Protects Against Dangerous Voltage Surges
- Cigarette Lighter Adapter
- Thermal Pre-Amp
- 110V AC Input
- Power On/Off Switch

$ 29.00

PS14K
12 AMP POWER SUPPLY

- Fully Regulated, Low Ripple
- Output 13.8 VDC
- 14 Amp Constant
- Short Circuit & Overload Protection
- Thermal Protection
- LED and Buzzer Warning/Automatic Reset
- 110V AC Input
- Heavy Duty Metal Housing
- Power On/Off Switch

$ 55.00

PS21K
17 AMP POWER SUPPLY

- Metered Reading
- Fully Regulated, Low Ripple
- 14 Amp Constant
- Output: 13.8 VDC
- 17 Amp Constant
- 20 Amp Surge Capacity
- Short Circuit Protection w/Auto Reset
- Protects Against Dangerous Voltage Surges
- Thermal Protection
- Heavy Duty Metal Housing
- 110V AC Input/Power On/Off Switch
- Built-in Cooling Fan

$ 89.00

PS36K
31 AMP POWER SUPPLY

$ 145.00

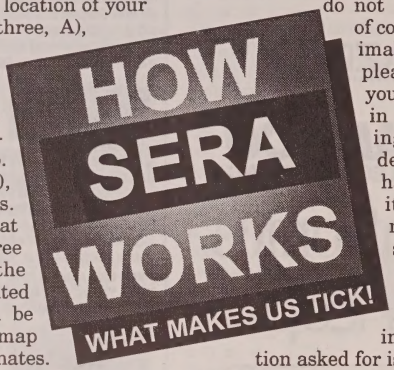
- Dual Metering for Amps & Volts
- Fully Regulated, Low Ripple
- Adjustable Voltage from 11 to 13.8 Volts
- 31 Amp Constant
- 35 Amp Surge Capacity
- Short Circuit Protection w/Auto Reset
- Protects Against Dangerous Voltage Surges
- Built in Crowbar Protection
- Current Adjustable
- Heavy Duty Metal Housing
- 110V AC Input
- Power On/Off Switch
- Built in Cooling Fan

When filling out Coordination Application

Pinpointing Repeater Locations

-by Don Williams, WA4K
SERA Virginia Vice Director

If you have ever filled out a SERA Form 03, "Application for Coordination," you may have noticed that there are a number of places in the form to state the location of your repeater. The first three, A), B), and C), ask for City/Town, County and State. These are to state the nearest town and county easily located on a map. The next is D), Location Specifics. Describe here and at the top of page three *exactly* where the repeater is to be located so that the site can be *pinpointed* on a map without using coordinates.



The next is F), Coordinates. Coordinates should be entered in degrees, minutes and seconds of North Latitude and West Longitude. REMEMBER that minutes and seconds cannot display a number higher than 59. Locate your repeater to the nearest second of both latitude and longitude. One second is roughly 100 feet. We use your coordinates to determine how far your repeater is from a proposed repeater.

Complications arise if your repeater does not have coordinates in the SERA database. The computer program which many of the SERA coordinators use won't know it is not there when used to propose the coordination of a new repeater.

Some of us compare your actual location description with the coordinates to be sure you haven't made an error. If you use a GPS Radiolocation device, submit your coordinates in degrees, minutes, and seconds. If you do not have a means of converting decimal degrees, please submit your coordinates in decimal, stating that it is decimal. We have to convert it to degrees, minutes and seconds for entry into the database.

The last important location asked for is H), Repeater Directories Listing. Please select a name for the listing which can be found by anyone passing through your area. Don't select "ROCK MOUNTAIN." John Doe from Billings Montana will have no idea where this is. Use the name of the nearest town and then the name of the mountain if it is important and you have room. Remember that you can only use 16 characters, and that includes spaces.

Not only is the information you submit used for coordination, but it is used for the SERA Repeater Journal index published each quarter, and also is used in the new ARRL National Repeater Directory each spring.

Coordination -- Strictly Voluntary for everyone

The FCC has granted no special powers to any coordination body such as SERA, other than to acknowledge they exist.

There is one surefire reason about why people go the coordination route, however, and that is one little statement in the FCC rules which stipulates, when two repeater systems are interfering with one another, generally the uncoordinated system bears primary responsibility for solving the interference problem.

This, in essence gives coordination bodies their power. Another reason for coordination -- peer pressure by other hams, repeater owners and the coordinator.

Of course, sometimes, none of this works, and some people just do as they please, by putting on a system and running it without regard to who they are messing up. When problems occur with these people, coordinators try to work it out in a gentlemanly Amateur Radio way, but if no success is achieved, the whole deal is turned over to the FCC for them to seek a remedy.

YAESU - AZDEN
KENWOOD - ICOM
Bob Cecil WB3S
Radios
Antennas
Parts &
Supplies
Virginia Ham Radio Supply, INC.
2208 CHILDRESS ROAD
CHRISTIANSBURG, VA. 24073
TECHNICAL: (703) 382-3690
ORDERS ONLY: (800) 298-6153

Repeater Datasheets Go in the Mail mid Sept.

David Ward, KA4LVO, SERA records chairman said that the annual mailing of the SERA repeater datasheets will go in the mail sometimes around September 11.

These sheets which contain all pertinent information about a repeater will be mailed to all repeater owners in the eight states.

Repeater owners have an opportunity to fill in any blanks, make any corrections or changes that might have occurred in their system over the past year.

Sponsors are reminded to get their sheets back into David's hands ASAP so he can make all changes.

IN THE REPEATER JOURNAL!!!
4,102 Repeater Listings, 184 Hamfests, 200 VE Exams, 150 Nets, hundreds of names, lots of stories, & much more **every** quarter.

WIN A FREE 2M DIGITAL STATION
2M Xcvr, Coax, Vertical Antenna, and TNC - Value at over $650.00
Or part of over $4,000 worth of other prizes in the SERA Repeater Journal's
"Come Alive in '95" Contest
See Page 20 for Complete Details
This Contest Prize sponsored by SERA and
Ray's Amateur Electronics
AND
The Country Ham

Greensboro (NC) ARA Operates Field Day

Getting first-hand demo - Greensboro (NC) Field Day operator, Bill Boyes, KB1G, gives Channel 2, WFMY photographer, Jeff Skordas a demo on CW at the beginning of activities. WFMY provided local television news coverage of the Greensboro ARA Field Day. (Photo by T. Forrest, N4GVK)

-Information prov. by Steve Marks, KE4FCW

Field Day 95 was held near Fire Station 19 off the Old Oak Ridge Road in Greensboro by the Greensboro ARA.

We operated for 22 of the 24 allocated hours. We were off the air for two separate hours due to the intense cloud to ground lightning and flooding rains. All in all, FD was a success!

Preliminary finds indicate we made 412 phone contacts, 360 CW contacts, and 17 digital contacts. Our call sign was WA4ZYF (as was our cook)!

The outpouring of support from our Amateur radio community was encouraging: 60 hams participated (in some fashion) at the field day site, and we had 20 visitors.

We operated 2A, including a Novice/Tech+ station, several packet and FM stations, and a satellite station. On HF we went 10-meters thru 160 meters, phone and CW and 6-meters, 70 cm, FM, SSB, Digital.

Mike Sandage, WA4ZYF, prepared our Saturday evening meal of hamburgers, hotdogs and all the fixin's. He was assisted by Raymond Gibson, KD4BQV at the grill. There was plenty of good food to eat and fellowship to enjoy.

It just goes to show all that Hams can do when they come together for a common cause. We look forward to FD 96.

Miriam Smith KB4C

It is with much regret we report the death of Miriam Smith, KB4C of Asheville, NC.

Miriam, 48, wife of Carl Smith, N4AA died of a stroke on July 26. She, like her husband, were very active in Amateur radio and were members of the Western Carolina ARS of Asheville, serving as former secretary and President respectively.

The couple's latest venture was the publishing of the weekly "QRZ DX" newsletter, designed for the DX operators in Amateur radio.

As news of Miriam's death spread to out-of-towners at the Asheville hamfest on July 29th, the tone of the show turned to that of sadness for everyone who knew her and Carl.

Miriam was laid to rest on Sunday.

Her smile, and outstanding personality will be missed. Her bubbly outlook on life lifted many of her friends and strangers as she actively pursued the hobby that she and Carl loved. She will be greatly missed.

-the Editor

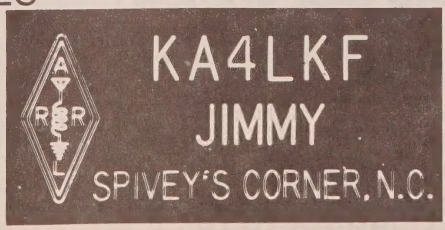
NAME BADGES

ACTUAL SIZE

$6.00 Postpaid
1 Day Service

DYNAMIC ENGRAVERS

RT. 5, BOX 544
DUNN, NC 28334



Your Choice of Colors!
*RED/WHITE * BLACK/WHITE
* BLUE/WHITE * WOOD GRAIN/WHT.

REPEATER JOURNAL
NEWS-STAND DEALERS

Get extra copies of the *Repeater Journal* - from these dealers - for your friends and new hams!

Antennas are us
West Columbia, SC

Communications HQ
Wilmington, NC

C.T. Morgan & Assoc.
Chattanooga, TN

Ham Radio Outlet
Atlanta, GA

IRI Amateur Electronics
Greensboro, NC

MediaPro
Wooster, OH 44691

Omar Electronics
Loganville, GA

QRV Electronics
Crawford, GA

Ray's Amateur Elec.
High Point, NC

Rosewood Co.
Elco, SC

The Country Ham
Ridgeville, SC

the HAM STATION
Sumter, SC

VIS Study Guides
Hattiesburg, MS

Virginia Ham Radio Supply
Christiansburg, VA

Williams Radio Sales
Colfax, NC

W.W. Sales
Fairview, NC

See your local dealer today!!!

West Virginia Notes - by Ted Wolfe

Send News to: WD4KHL P.O. BOX 133, CABIN CREEK, WV 25035

Chapter 30 of the Quarter Century Wireless Assn. (QCWA) met for lunch recently at Buckhannon, WV. Pictured are: (front row, l to r): Arnold Sayre, W8WVM; Robert Hough, W8ESQ; Ruth Rice, K8ARA; Vaughn Rice, W8VOI; Robert Sims, W8KBM; and Laymon Knicely, W8CCR; President of Chapter 30. (Back row): Sam Moore, W8NCD; John Palagino, WD8IBN; Art Ellis, W8PBO; Ron Selders, AA8AN; Archie M. Carpenter, W8GWR; and Frank Wilkin, WA8FLZ. The members live in various communities across the state. (Photo ctsy of Laymon Knicely, W8CCR)

I really had not planned to attend the Wheeling hamfest this year. But on Friday, May 12, I drove to South Charleston where the Kanawha ARC was meeting. I arrived after the meeting started so remained outside until members took a break. Then I joined several of the groups gathered for conversation.

I happened to remark to Sam, W8NCD, that Wheeling was coming up in just two days. He told me he planned to attend the Quarter Century Wireless Association meeting on Saturday (at 12:30 p.m.) in Buckhannon, WV, and that he had already called ahead to reserve a motel room for Wheeling for Saturday night. He said the room had two beds, so I was welcome to take the other one. We agreen then that I would pay for the gasoline for the trip, and we were off early Saturday morning for Buckhannon.

Sam carries an HF rig in his pickup at all times (plus a dual band--2 meter/440 rig) and an antenna tuner. They are mounted in a security harness he had built prior to his summertime adventure to Alaska a couple of summers ago. So each day he checked into the noon and 6:00 p.m. West Virginia HF nets.

Thunder and lightning outside the motel awakened me at 5:00 a.m. Sunday morning. But I turned over and went back to sleep. We began to move around by 10:00 a.m., and after breakfast it was near noon when we showed up at the hamfest site at Wheeling Park.

The rain put a bit of a damper on the outside flea market activity. It did not cover nearly the area it has in previous years. A portion of the parking lot was used for flea-market setups instead of extensive on-the-grass setups as before, no doubt because of the soaking from the rain.

Still, it was the same old good feeling Wheeling hamfest, despite a competing new hamfest which I was told had started up somewhere over in Ohio. No details there.

Both going up and coming back Sam and I travelled via Interstate 79 to Washington, Pa., then West on I-70 to the hamfest. This year, instead of equipment, TSRAC awarded cash prizes. Major winners were: $1,000 cash to John M. Weiss, N8HKH, Youngstown, Ohio; and $1,000 U. S. government bond to Rick Wilson, N8NRK, also of Youngstown. The winner of a $500 government bond was Dick Sisley, K8JKB, East Liverpool, Ohio; with $250 cash to Bob Branot, WA8CKE, Hanoverton, Ohio and Ben Zarfos, W3GES, Wrightsville, PA.

Lesser amounts were won by Tim Sell, KB4YSD, Barberton, OH; Louis Killen, WA3FOI, Washington, PA; Sean Carney, KB8RPH, Benwood, WV. There were twelve other winners of less than $100.

* * * * *

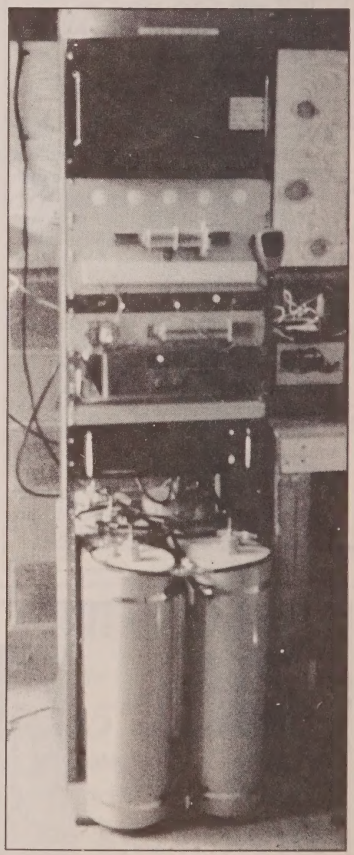
If I might return to that Friday night KARC meeting, I wondered on the way to town why I could not bring up the club's 145.350 Mhz repeater. It turned out that was the big item of discussion at the meeting.

Charleston recently held a city election and there was a change in administration. Some questions were raised about the operation of the 911 Center, where some expenditures had been made for amateur radio equipment.

It had all been worked out in the previous administration, but the paperwork was, apparently, not immmediately at hand. The city had financed the ham equipment, including a repeater mounted on a city tower, and some rigs for various locations.

The situation was resolved in a few days for within a week I tried and was able to again access the KARC repeater--which had been shut down during the period of concern while the paperwork search went on. The relevant documents were found and the situation was

Continued on Page 11



The KARC 145.37 repeater installation at a Charleston (WV) city government enclosure. The antenna is on a city owned tower on a mountaintop within the city's Spring Hill Cemetery. (Photo by Ted Wolfe, WD4KHL)

WIN A FREE DUAL-BAND BASE STATION

Dual Band Xcvr., Power Supply, Coax and Vertical Antenna - Valued at over $900.00

Or part of over $4,000 worth of other prizes in the SERA Repeater Journal's

"Come Alive in '95" Contest

See Page 20 for Complete Details

This Contest Prize sponsored by SERA and

Communications Headquarters

AND

IRI Electronics

West Virginia News Continues

explained to the incoming administration's satisfaction.

When the repeater resumed normal operation it was with a new call, that of Bill Loftis, N8RKU, who is a Charleston city employee. If there is a moral to this story it would be: When working with a government entity, make sure the paperwork exists.

Better yet, make sure club officers have a copy!

Over the Memorial Day weekend Bill gave me a tour of two of the Charleston City government's mountaintop radio tower sites.

* * * * *

Sam continues to impress me with his activities at age 83. During the week of June 18 thru the 25th he went along on the DX CARIBE CRUISE aboard the Dolphin Line's ship "Ocean Breeze."

It was a group of active ham operators. Yaesu equipped one of the salons aboard with rigs and antennas so the amateurs could operate aboard ship. And Sam said each morning in whatever port the ship was visiting that day, the Yaesu people were up early to move equipment from shipboard to a nearby beach, usually on a patio of a beachfront structure so the equipment would be under cover in case of rain. They used a variety of tripods to hold the ends of the antennas up or the verticals upright so the hams could operate protected from the sun or rain but enjoying the summer beach weather and breezes.

Sam provided a picture from the trip which I have submitted with the column material. He said two well known hams were aboard--Norm Brooks (K6FO), an associate editor with Worldradio, and Gordon West (WB6NOA) who often writes about maritime operations.

As soon as Sam returned from the cruise he drove to my qth to deliver the photo and caption information of the QCWA meeting at Buckhannon which I wrote about earlier, in time for me to include that material with my submission for the August Journal.

The next day, Thursday, he and his son and his grandson were to drive to Annapolis. The grandson, Jason, AA8HU, was to report in Friday morning, June 30th, to the U. S. Naval Academy where he is to attend school for the next four years. Good luck to Jason, whom I've mentioned before in the column.

I asked Sam if Jason was going to take his computer along and his answer was "no," so Sam may have a PC to play with for a while. And he will reclaim a larger bedroom in his home. He says he will probably leave his ham station set up in the small bedroom he has been using for several years. I've been after Sam for a couple of years to get his packet gear out of the basement and set it up beside his hf, 2-meter, and 440 equipment on his operating desk.

Continued on Page 13

Some of the hams operating at a beachside setup during a ham DX CARIBE CRUISE aboard Dolphin Line's "Ocean Breeze." See item about cruise which was held June 18-25 in WV Notes. (Photo by Sam Moore, W8NCD.

Larsen® Antennas **GRAND OPENING!** Larsen® Antennas

LOW BAND		
NMO-50 C	Unity, 47-50 MHz, Blk Coil, Chr Whip	26.00
NMO-50 B	Unity, 47-50 MHz, Blk Coil, Blk Whip	28.00
2 METERS		
KG-144 UD PL	2.5 db, Glass Mt, 144-160 MHz, 14' Coax, 259	53.45
NMO-150 C	3 db, 144-174 MHz, Blk Coil, Chr Whip	26.00
NMO-150 B	3 db, 144-174 MHz, Blk Coil, Blk Whip	28.00
PO-150 C	3 db, 144-174 MHz, Blk Coil, Chr Whip	30.00
PO-150 B	3 db, 144-174 MHz, Blk Coil, Blk Whip	31.45
220		
KG-220 UD PL	2.5 db, Glass Mt. 220-225, 14' coax, PL259	53.45
NMO-220 C	3 db, 220-225 MHz, Blk Coil, Chr Whip	25.00
NMO-220 B	3 db, 220-225 MHz, Blk Coil, Blk Whip	28.00
440		
KG-440 UD PL	2.5 db, Glass Mt, 440-460, 14' Coax, PL259	45.00
NMO-440 C	4.5 db, 440-460, Blk Coil, Chr Whip	25.95
NMO-440 B	3 db, 440-460, Blk Coil, Blk Whip	29.35
DUAL BAND		
NMO 2/70 C	2.4/4 db, 144-148/440-450, Blk Coil, Chr Whip	39.50
NMO 2/70 B	2.4/4 db, 144-148/440-450, Blk Coil, Blk Whip	41.80
PO-2/70 C	2.4/4 db, 144-148/440-450, Blk Coil, Chr Whip	45.00

RUBBER DUCKS		
KD4-2/70	Unity dual Band, 144-148/440-450 MHz	21.00
ANTENNA ACCESSORIES		
AD-2/70	VHF/UHF Dual Band Antenna Coupler	55.35
NMO-K	NMO B Mount, 17' CX Coax, PL-259	12.50
NMO-K-UD-PL	NMO B Mount, 17' UD Coax, PL-259	13.95
PO-K	PO B Mount, 17' CX Coax, PL-259	19.40
NMO-MM	Square Mag-Mount, 12' Coax	25.00
PO-MM	Square Mag-Mount, 12' Coax	26.95
*NMO-MM-R	Round Mag-Mount, 12' Coax	28.00
PO-MM-R	Round Mag-Mount, 12' Coax	30.85
NMO-TLP	NEW! NMO Low Profile Trunk Lid Mount, 17' Coax	23.85
**NMO-TLM-B	Old Style Trunk Lid Mount, 17' Coax	23.85
NMO-TMB	Chrome "L" Bracket with 17' Coax/259	18.20
NMO-TMB-B	Black "L" Bracket with 17' Coax/259	20.30
TMB-34	Chrome "L" Only	4.00
TMB-34-B	Black "L" Only	4.85

* See Special Below
** Limited Stock

DISCOVER NOVUS VISA MasterCard

Come See Us at the Shelby, NC Hamfest!!

ANTENNAS ARE US
P.O. BOX 2958 - WEST COLUMBIA, SC 29171
Local & Information: (803) 951-9156
24 Hr. FAX: (803) 957-7718

1-800-TELL-AAU
ORDERS ONLY (1-800-835-5228)

* With any purchase of antenna (coil and whip) receive a NMO-MM R Mag Mount for $20.99 (plus price of original antenna order) SC Res. Add 5% sales tax. Prices do not include shipping and taxes. All returns must be in original factory sealed packages. A 10% re-stocking fee will occur and shipping is non-refundable. No returns after 10 days of receipt.

W4CQ Is Proud To Present The 3rd Annual

Charlotte ARC Hamfest And Computer Fair

Sunday August 13, 1995
8:00 am - 4:00 pm

Location: Roll-A-Round Skate Center
8830 East Harris Blvd., Charlotte, N.C. 28227

Facilities: Large **INDOOR, A/C** facility with over 20,000 square feet.

Food: Concessions will be available with a variety of foods.

Tickets: $4.00 in advance, $5.00 at the door.

Tail Gaters: 6.00 per space. Admission/Prize Ticket not included.
Spaces are limited - first come, first served day of show.

FREE PARKING!

Flea Market: 8' x 2' tables are $8.00 in advance, $10.00 the day of show. Chairs are $1.00 each.
Gates open for unloading at 6:00 a.m.

Prizes: Grand Prize: Alinco DJ-580T, Pre-registration Prize: Computer Multi-Media Kit
Hourly door prizes to be announced.

Talk-In: 147.06 -

Name: _____ Call: _____

Address: _____

City: _____

State: _____ Zip: _____ Phone: _____

____ Pre-registration tickets @ $4.00 each $ _____

____ Flea market Tables @ $8.00 each $ _____

____ Chairs @ $1.00 each $ _____

Total Enclosed: $ _____

Make checks payable to:
Charlotte ARC

Please send with S.A.S.E. to:

Charlotte ARC
P.O. Box 33582
Charlotte, N.C. 28233-3582

Pre-registrations without S.A.S.E. or received after August 1 will be held at the door.

For more information call:
Buck Escott, WB4OTP
(704) 522-4971 Ext. 3330

West Virginia Notes Continues

* * * * *

On May 18th a storm passed through Putnam County in the evening while Garry, WD8OMB, was at work. He had remembered to uncouple all his antennas before going to work. But the lightning got to his equipment anyway, apparently coming in on the electrical service lines.

When he got home he discovered two radios and two TNCs has been "fried." The modified MFJ TNC used for the HWV:WD8OMB-7 Sedan node was destroyed, along with the Midland 13-510 radio.

Garry also lost his KPC-3 TNC, and his IC-228 2-meter rig. His computer was affected, too, but fortunately all he had to replace was one card and it is now working again.

I regret the loss of our SEDAN node at Hurricane. Garry, his brother Shirl--KD4HB from Columbia, SC--and I got it into operation. But I could not hit it direct from my QTH. If we are able to activate another SEDAN (SouthEast Digital Association Networks) node. I hope it will be closer to Charleston. That way it would be closer to the next nearest SEDAN node, MWV:KC8IT-7 at Mullens, and perhaps I could then hit it direct from my qth.

I would like to talk some Charleston area ham who has a good hilltop location into locating a SEDAN node there, once we can hustle up replacement equipment. But I am afraid that will be a while before we can come up with the required financing.

Garry is now a General class operator and has an operational HF rig. So now he and his brother Shirl, KD4HB, in Columbia are able to keep in touch that way. In order to join them I will have to get an HF dipole up somewhere. The trees in the yard just aren't positioned correctly to use them as anchors for dipole ends.

Shirl was in for a week long visit to Garry in Hurricane, WV, during mid June. They came to my Cabin Creek QTH one day, and later in the week I drove to Hurricane to spend an afternoon with them. At that time they were installing a just acquired "Spider" antenna on Garry's pickup truck.

* * * * *

The West Virginia state ARRL convention and hamfest occurred on my deadline weekend, too late to include anything in the column. Hope they had a good turnout this year.

* * * * *

On Friday, June 30, I drove in the evening to Dunbar to Gary Housholder's (K8NYG) QTH with my computer tower. Gary added the 4 Meg of RAM I had ordered and installed Windows for me. I have had the software for some time but didn't have enough RAM to run it till now.

When I got home it took me around an hour to figure out why my mouse wasn't operating, but I finally got that running with Windows. Now I need to get my modem software loaded under Windows. I understand WINDOWS 95 is about to be released to the general marketplace and I am just now getting around to learning the version that's been out for a number of years. That's me, right on the edge of technology--the near edge, however, not the far edge where everyone aspires to be.

* * * * *

Before leaving Dunbar that night I stopped by Big Bob Welling's (KA8MLQ) QTH to give him a couple of shareware utility programs. He recently had Gary, K8NYG, put together an 8088 based system for him. He, like me, finally moved away from the Commodore. Bob is now retired.

* * * * *

Calvin Christian, KB8LPP, came through again with timely info from the Southern West Virginia ARC, which had a busy month of May with the Greater Greenbrier River Race, the MS walk-a-thon, and the Special Olympics. Assisting during those events were: Bill, WA4FZG; Norman, WA8AVZ; Bill, KB8NWU; Connie, KB8TEI; Leonard, N8DIS; Paul, KD8WY; Aaron, KB8VGD; Chris, KB8YRJ; Gary, WV8D; Herb, KF8ZH; and Richard, KB8YCZ.

New members for the club in recent months are: Aaron, KB8VGD; his wife, Peggy, KB8ZJD; Chris, KB8YRJ; Jack, KB8ZJE; Ward, KB8ZL; and Richard, KB8YCZ.

On June 8 a work party of seven headed for Keeney's Knob, location of the club's 146.730 Mhz repeater, to do some work. Bill, KB8NWU, was the straw boss. Workers included: KB8TEI; J. W., KB8UAI; WV8D; Aaron, KG8BR; Frank, N8CED; and Ward. They cut grass, pulled weeds and did whatever else needed to be done.

The club planned its annual picnic for July 22nd at the Alderson Women's prison recreation hall, in connection with the regular July club meeting.

Bill, KB8NWU, received a call on June 9 from a woman reporting her 11-year old daughter and a friend had been missing since the evening before. Police had been notified. But the mother had worked with hams before and thought they would be of assistance in the search for the girls. The Greenbrier County emergency services net was activated at 2:50 p.m. and over the next several hours a total of seventeen hams were given the descriptions of the missing girls. Some of those volunteers had just been passing through the area but they offered to assist by observing the interstate highway.

Posters were made up and passed out. The search continued until 6:50 p.m., at which time the net wad deactivated when the mother was notified by authorities that the girls had been located.

* * * * *

Bob, W3RUA, at Franklin, WV, sent a packet note to me in time for the info to be included in this August column. The Pendleton County ARC will operate a special events station, WD8PBG, to commemorate the 10th anniversary of the "Flood of '85." Hams who took part in that emergency operation will operate again 1400Z to 2000Z on September 9th on 14.238 Mhz and 7.238 Mhz phone. For a certificate, send QSL and a 9 by 12-inch SASE to: PCARC, PO Box 740, Franklin, WV 26807.

* * * * *

Remember to get your items to me at least a week prior to my copy deadlines. Those deadlines are 1 Jan for the February Journal, 1 April for the May Journal, 1 Jul for the August issue, and **1 October for inclusion in the November Journal.**

My mail address is: Ted Wolfe - WD4KHL, PO Box 133, Cabin Creek, WV 25035. Packet mail may be directed to: WD4KHL @ WB8CQV.WV.USA.NA. Thanks to all who contribute info for the quarterly column. Photos are always welcome.

New Area Code for Western VA

The telephone companys have changed the area code for areas in Western Virginia. As of July 15th the area code changes to 540. The Eastern half of the state remains 804. Note the change in the Journal for the Western Virginia Vice-Director's phone number.

ALINCO BATTERIES

OVERSTOCKED! BIG SAVINGS!

7.2V 700 MAH - FOR ALINCO DJ-580T, DJ-582T, DJ-180T

ONLY $25.00 EA.

ADD $4.00 SHIPPING & HANDLING

THESE ARE BRAND NEW ALINCO BATTERIES - PACKAGED BULK FORM - GUARANTEED NEW!

VERY LIMITED QUANTITIES

AT THIS BELOW COST PRICE!

BATTERIES FOR MOST MAJOR BRAND RADIOS - IN STOCK

N.C. Residents add 6% Sales Tax - Add $4.00 shipping to all orders.
NO CREDIT or CHECK CARDS. Send Check or money order
Prices and stocks subject to change without notice or obligation!

WILLIAMS RADIO SALES
600 LAKEDALE ROAD
COLFAX, NC 27235

(910) 993-5881
7 PM to 10 PM ONLY!

Want Frequency Coordination For a repeater?

-by Wayne C. Williams, K4MOB, Editor

Numerous people have written and asked, "Why don't you publish a frequency coordination form in the Repeater Journal?"

It's not quite that simple. The official SERA Frequency Coordination form is four full pages and asks for a tremendous amount of information that is required to see that an applicant can get a good coordination.

The form is not so very complicated, but a certain amount of technical knowledge is required to accurately fill it out. (We would assume anyone wanting to place a repeater on the air has a certain amount of technical ability anyway.)

To maintain an accurate repeater database, SERA must ask many questions, and get accurate answers before a frequency can be coordinated.

Why a database?

Simply because without a source of information pertaining to all repeaters in the eight states, and information about bordeer states under other coordination jurisdiction, our coordinators would be

HOW SERA WORKS

WHAT MAKES US TICK!

unable to make intelligent decisions on choosing a good frequency for an applicant that would be the least likely to receive interference from another system already on the air, not to mention, prevention of the new system from interfering with existing systems.

Getting started on frequency coordinating is simple! All you have to do is write your local State Director, or one of his Assistants (the one nearest you -- see Page 1) and request the "Form 02 packet." Some coordinators will take phone calls, but most prefer you write. The initial form 02 packet is the beginning of getting a coordination started. It contains a cover letter and other information confirming your application request, and the SERA Form 03, Guidelines and bandplans to assist you in searching for a frequency, and what is required for coordination. From this stage on, our Directors are required to have a dated paper trail on every transaction they ever enter. This is for the protection of the Coordinator as well as the prospective repeater owner.

The application you later submit for repeater coordination will be returned to you by return mail as soon as possible. Do keep in mind -- coordination is an important thing and cannot be done overnight. Frequency searches, notification of other repeater owners, sometimes notification of other coordinators within SERA and even neighboring coordinating organizations are required. Much paperwork on the part of several will take time. So be patient if you are trying to coordinate. You want the best coordination you can get, but with the crowded bands of today, that will take some time.

In the end, it is worth it.

NO BODY covers
Repeater Listings like the
Repeater Journal
Every Quarter - Every Year!

15th ANNUAL
GREATER GREENSBORO
HAMFEST & COMPUTER SHOW
December 2, 1995
Join us at the
Greensboro Coliseum Special Events Center

GGH

For Dealer - Table - Ticket and Exam info Write to:
GGH P.O. Box 7862, Greensboro, NC 27417-0862
More info? Call (910) 852-9244
Sponsored by the "76 Group"

GGH

National Conference of VECs met in June

-From ARRL & W5YI reports

Ten volunteer examiner coordinators and 11 FCC staff members attended the annual national conference of VECs (NCVEC) in Gettysburg, PA in late June.

The conference voted 9-0 with one abstention (ARRL/VEC) to incorporate the NCVEC in the state of Tennessee, to allow for tax-exempt status as a 501-C-3 organization.

Upon incorporation, each VEC will appoint a director to the Corporation.

In other business, the conference members discussed concerns about funding, including the financial burden on smaller VECs in attending the conference. Fred Maia of the W5YI-VEC was named to chair a financial support to develop a projected yearly budget and then an actual financial support plan proposal.

FCCs John Johnson reported that examination element activity was down by 5.2% for the first five months of 1995, compared with 1994, and that test sessions held declined 6.8%.

It was noted that eight VECs are now able to make electrnic submissions to the FCC.

The NCVEC has expressed concern about difficulties in accessing the FCC database due to its size. In response, the FCC said it would look into breaking up its database into smaller pieces, probably by USPS Zip Code, so that it could be more easily downloaded from the Internet.

The FCC said it expects to begin issueing renewal notices in September for licenses that will expire in December.

The FCC reviewed that in the past year, the follow has been accomplished:

- implementation of electronic filing
- license processing delays greatly reduced or eliminated
- licenses now granted based on data appearing in the FCC data base
- license data is avilable to the public
- reorganization of Section 97-509 and a new Section 97-511 (examinee contuct)
- "Tech Plus" designated a license class

Officers for the coming year in NCVEC are: Don Tunstill, WB4HOK (Central AL VEC); Vice president, Bob Busch, WB3KXJ (Laurel VEC); secretary, Steve Sternitzke, NS5I (W5YI VEC); and treasurer, Ray Adams, N4BAQ (WCARS VEC)

FCC slashes one third of field offices in cost cut

-from W5YI Report

The FCC in an effort to cut costs plans to close about a third of its field offices.

The House Appropriations Committee has agreed to fund the FCCs 1996 fiscal year at the current level. Indications are that this could cause a cut of up to 100 jobs at the Commission.

Join or renew SERA as a Full Member

SouthEastern Repeater Association, Inc.

The not-for-profit Recognized Repeater Coordinator for: NC, SC, VA, TN, WV, KY, GA, MS

Repeater Full Membership Application

Please fill out the this short form Full Member Application completely. Maximum number of letters for your repeater name is 14 characters. Be sure to list 2 persons as representatives. ONLY these two will be SERA reps, have voting rights, and receive the *Repeater Journal*. MAIL YOUR CHECK AND APPLICATION TO: SERA FULL MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. Deadline to be listed as member in next Journal is 15th of Month prior to publication month.

	CITY/ MTN. ETC. (MAX 14 LETTERS)	RPTR CALLSIGN	INPUT FREQ.	OUTPUT FREQ
RPTR #1				
RPTR #2				
RPTR #3				
RPTR #4				

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS-ONE FOR EACH REPEATER. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

NAME TWO PERSONS WHO WILL REPRESENT SERA AS FULL MEMBERS. EACH WILL RECEIVE THE *REPEATER JOURNAL*.

NAME_____ CALL_____ NAME _____ CALL_____

ADDRESS _____ ADDRESS_____

CITY_____STATE_____ZIP_____ CITY_____STATE_____ZIP_____

HOME PHONE #: ( ) _____ HOME PHONE #: ( ) _____

ARRL MEMBER: [ ] YES [ ] NO ARRL MEMBER: [ ] YES [ ] NO

FULL MEMBERSHIP: [ ] NEW [ ] RENEWAL - **($10.00 FOR REMAINDER OF 1995)** FEE IS ENCLOSED - AMOUNT $_____

REPEATER IS SPONSORED BY: (Name of Club OR Owner)_____

REPEATER TRUSTEE'S NAME_____CALLSIGN_____

IF A SERA REPEATER DATASHEET HAS NOT BEEN RECEIVED, INDICATE PERSON'S NAME AND ADDRESS WE SHOULD SEND IT TO:

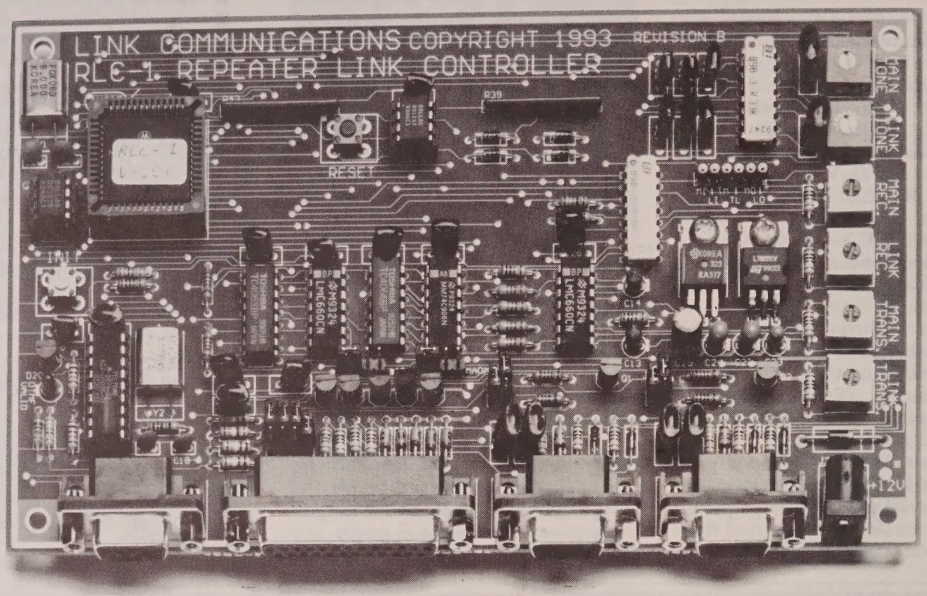
NAME _____ CALLSIGN_____

ADDRESS_____ CITY_____ STATE_____ ZIP_____

RJ 8-95

THANK YOU FOR YOUR GENEROUS SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC. - YOUR LOCAL COORDINATOR

2 PORT REPEATER AND LINKING CONTROLLER



RLC-1 Repeater and Linking Controller

FEATURES:

- 2 Full Duplex radio ports
- Unique CW messages and ID's for each port
- DTMF control from each port
- 7 user command macros
- 4 analog inputs, 4 output control lines, 4 input lines
- 2400 baud RS-232 serial port
- 2 Layer high quality board construction

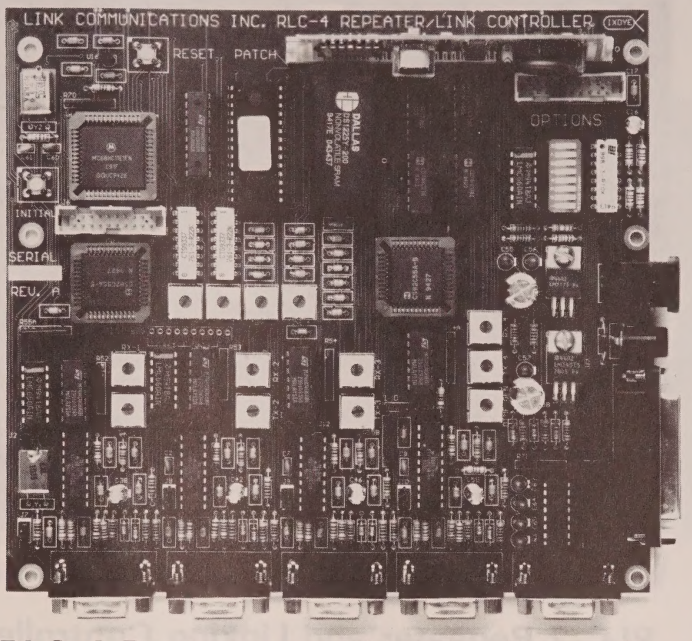
BENEFITS:

With DTMF and serial programming features, your controller is more secure from unwanted access. Use only 1 controller at your site to control up to 2 separate repeaters/ links with their own personalities and features intact. If your repeater group is on a tight budget but you want to run 2 repeaters or add a link or a remote base to your site, the RLC-1 can make these features available at a very low price.

ONLY $199.95

Link Communications Inc.
115 2nd Ave. N.E., Sidney, MT 59270
Call for information on our complete line of controllers
E-Mail: linkcomm@ins.infonet.net
(406) 482-7515 (Voice) (800) 610-4085 (Orders) (406) 482-7547 (Fax)

4 PORT REPEATER AND LINKING CONTROLLER



RLC-4 Repeater and Linking Controller

FEATURES:

- 4 Full Duplex radio ports
- Optional Autopatch available
- Unique CW messages and ID's for each port
- Separate DTMF control from each port
- 100 user command macros
- 300-9600 baud RS-232 serial port
- 4 Layer high quality board construction

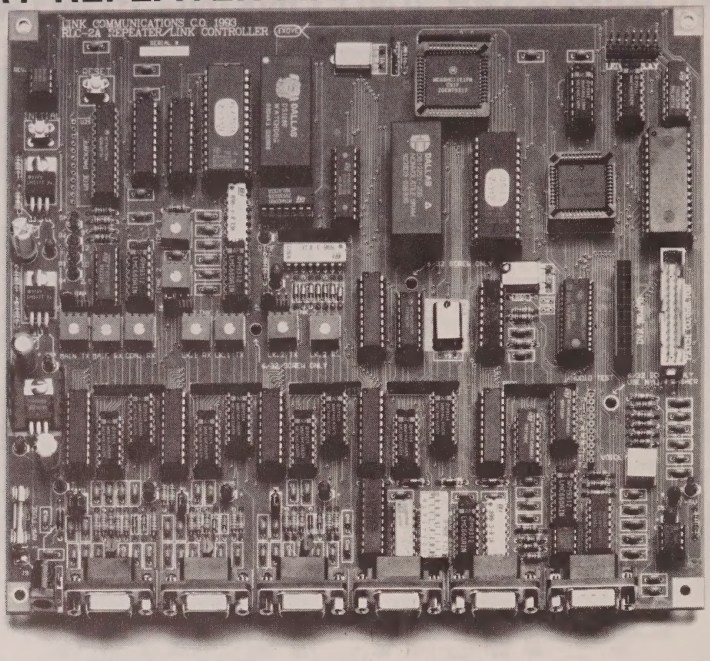
BENEFITS:

With DTMF and serial programming features, your controller is more secure from unwanted access. Use only 1 controller at your site to control up to 4 separate repeaters/ links with their own personalities and features intact. Make emergency autopatch calls with the autopatch option. Only the RLC-4 can make these features available at such a low price.

ONLY $414.95

Link Communications Inc.
115 2nd Ave. N.E., Sidney, MT 59270
Call for information on our complete line of controllers
E-Mail: linkcomm@ins.infonet.net
(406) 482-7515 (Voice) (800) 610-4085 (Orders) (406) 482-7547 (Fax)

3 PORT REPEATER AND LINKING CONTROLLER



RLC-2 Repeater and Linking Controller

FEATURES:

- 3 Full Duplex radio ports
- 1 Control receiver port for control or as a 4th receiver
- 99 user programmable Voice and CW messages. Complete programmable courtesy beeps
- DTMF control from each port
- 30 user command macros
- 200 number autodial autopatch option with forward and reverse operation
- 4 analog inputs, 8 output control lines, 4 input lines
- 300 - 9600 baud RS-232 serial port
- 4 Layer high quality board construction

BENEFITS:

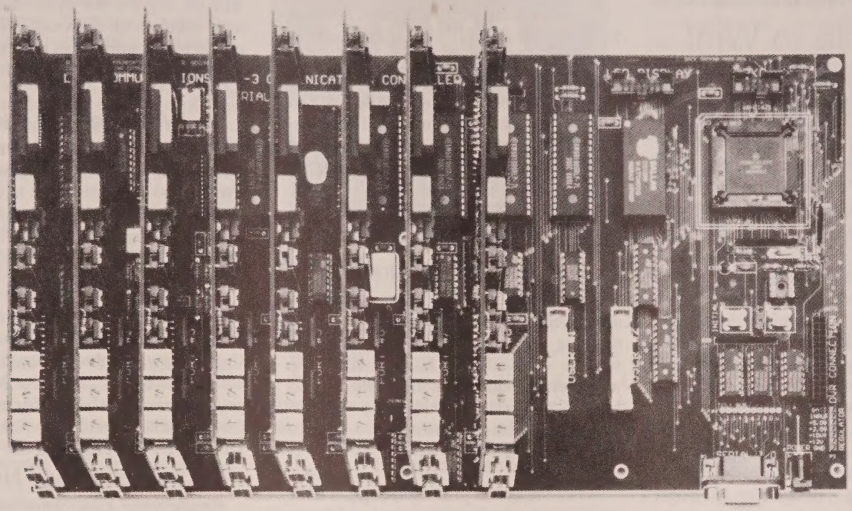
The RLC-2 gives the user DTMF and serial control, autopatch and Digital Voice Recorder support, along with 3 full duplex radio ports. Use only 1 RLC-2 controller at your site to control up to 3 separate repeaters/ links with their own personalities and features intact.

ONLY $649.95

LC

Link Communications Inc.
115 2nd Ave. N.E., Sidney, MT 59270
Call for information on our complete line of controllers
E-Mail: linkcomm@ins.infonet.net
(406) 482-7515 (Voice) (800) 610-4085 (Orders) (406) 482-7547 (Fax)

8 PORT REPEATER AND LINKING CONTROLLER



RLC-3 Repeater and Linking Controller

FEATURES:

- Supports up to 8 Full Duplex radio ports
- 800 user command macros
- DTMF receive and transmit from each port
- 1000 number autodial autopatch option with forward and reverse operation
- Supports up to 16 analog inputs, 16 output control lines, 16 input lines
- Separate 300 - 9600 baud serial ports on the main and each radio card
- 19" rack mount enclosure included
- 4 Layer high quality board construction

BENEFITS:

The RLC-3 offers the user what no other controller manufacture can. The power of 8 complete control systems in 1 compact package. Each radio card can DTMF control the RLC-3, at the same time, with simultaneous responses without any data lost. Only the RLC-3 can control and operate up to 8 repeaters and links using only 1 controller.

ONLY $1274.95 (4 ports installed)

Link Communications Inc.
115 2nd Ave. N.E., Sidney, MT 59270
Call for information on our complete line of controllers
E-Mail: linkcomm@ins.infonet.net
(406) 482-7515 (Voice) (800) 610-4085 (Orders) (406) 482-7547 (Fax)

SERA "Alive in '95" Membership Contest - LAST CHANCE!!! DEADLINE Aug 29.

Many Prizes - Great Odds on you Winning!

Get New Members Be Eligible to Win!

How simple can it get? We want NEW SERA Associate members. so we worked out a little incentive that will make just about any existing member get out and try to help us - Prizes! Prizes! Prizes!

The odds will be determined by you. The cost is nothing, just a little effort and some of your time.

What do you need to do?

Depends on how good you think you are! Below is a special Associate Membership application. Only this application should be used for your category of entry. Make lots of copies and get ready.

All you have to do is go out, talk to your ham friends - see if they are SERA Members. If not - get them to join. Get them to fill out the application (or copy) below. At the top - be sure to put your callsign. Be sure your new applicant sends in the correctly filled out application along with a check for membership.

That's all there is to it! You now have one entry for the drawings. Send more, get more entries. No limit to how many new members you can send in.

What Are the Prizes

The prizes are being gathered. We plan to purchase VHF/UHF equipment in excess of $2,000 in value. (retail selling price) .

Some of the prizes we are looking at include: (1) Complete dual-band base stations, (2) Dual-band radios, (3) 2M Radios, (4) Packet Stations (5) Packet TNCs, (6) Antenna systems (7) Mobile antennas (7) Books, (8) Accessories - and much, much more.

One Grand Prize Drawing

From the entries of new members signed up by existing members - our first drawing will be a "Grand Prize", which will be duplicate for both persons, the new member, and the person who signed him up. We anticipate this prize value to be at least $900 per person.

More Drawings!

After the grand prize drawing, we will put that entry back in the barrel and begin more drawings - number to be determined by overall prize numbers we obtain. The odds right now are very good!

LITTLE TIME LEFT! You must get your applications in the mail no later than August 30 for the drawing Sept. 3.

Persons who signed up new members will be eligible for these drawings. The total number of drawings will be determined by the number of prizes assigned to this contest. We anticipate at least 10 good prizes.

What are your odds?

That depends on you. The more people you sign up as SERA Associate members, the more chances you have to win. Overall odds will be determined by total number of entries in this Phase of the SERA "Alive in '95" Contest.

New members can play!

If you were just signed up by someone as an associate member - you can now sign up new members yourself, since you are now a SERA Associate Member. So get to work, make yourelf some copies of the application and get new members. This makes you eligible more times too.

So Get Going - Now!

Check your club, your repeater, ask everyone - get them to sign up - be sure every application is properly filled out and returned to the correct address and membership fee is included.

Note: No member of the SERA Board, their appointees, or their families are eligible to participate in contest. Drawing Labor Day at Shelby.

SERA - "Alive In '95" Membership Contest? ***(Phase I - New Mbr. signed by Existing Mbr!)***

New Member signed up by: (Callsign of existing mbr.)_____

APPLICATION MUST BE POSTMARKED BY AUG. 30!

The Repeater Journal Offers You:

...Two updated 8-state repeater indexes (by frequency and by-city, by-state)
...The most complete hamfest calendar published anywhere - over 150 listings!
...VE/VEC examination schedules
...Hamfest advertising with details
...Local/Area dealer advertising
...National manufacturer advertising
...Stories about hams and repeaters
...A multitude of feature articles
...Helpful hints on VHF/UHF operation
...Help for the new ham articles
...Compreshensive editorial comments
...Individual state news coverage
...Digital - and much, much more!!

JOIN SERA AND GET THE JOURNAL!

Fill out the application and mail with personal check to:

SERA - PHASE I MEMBERSHIP
P.O. BOX 215 - TOBACCOVILLE, NC 27050

Your Repeater Journal will start with the next quarterly issue if application received prior to quarterly deadlines of: Jan. 15, Apr. 15, Jul. 15 & Oct 15

See February 1995 Repeater Journal for complete rules. This application is eligible for grand drawing for prizes of equal value for Old Member, and New Member appearing on this application. This entry will also be eligible for additional drawings for other prizes for Old Members who solicited new member. No limit of entries solicited by Old Members. After this entry, no limit of additional entries from new member signing up others. Prize lists will appear in each issue of Repeater Journal through 8-95. Drawing Sunday, Labor Day weekend at Shelby Hamfest. Odds determined by number of entries submitted. Only one entry per application. No renewals. Check must accompany.

Yes! I Want to Join SERA and the Journal!

New Member fill out form & make check payable to: SERA Membership Must be Postmarked no later than August 30, 1995 to be eligible to win!

Name_____ Call_____

Address_____ Date_____

City_____ State_____ Zip_____

Phone ( )_____ ARRL Member { } YES { } NO

SERA New Member [ ]
$8.00 Per Year. (Max. 1 Year)
(Journal Mailed 3rd Class)

SERA HOT-P Member [ ]
$14.25/Yr. (Max. 1 Year)
(Journal Mailed 1st Class)

$_____ Is Enclosed for (1) ONE Year Membership.

Submit entire bottom half of page application!

ARRL wants Nation's Coordinators to meet

The ARRL has extended an invitation to all known frequency coordinators in the nation to meet in October.

In a widely distributed 2-page letter from Rodney Stafford, KB6ZV, ARRL 1st Vice President at the time of the letter, now President of ARRL, all coordinators were urged to get together at a central location.

The ARRL emphasized that they only wanted to serve as a facilitator to draw everyone together to discuss reviewing collective experiences with the FCC rules, and try to gain appropriate recognition from the FCC.

Specific objectives of the meeting according to the letter are:

A. To respond to an FCC request that it be provided with a single point of contact with the coordination community, through which the FCC would recognize and support local and regional coordinators.

B. To determine whether coordinators would support a return to repeater licensing, subject to the applicant's acceptance of coordination recommendations and with provisions for temporary or trial operation.

C. To determine the extent to which coordinators should coordinate emitters other than repeaters, and whether coordinators should attempt to resolve interference between repeaters and other kinds of amateur stations.

D. To develop a procedure for bringing to the FCC for action, coordination issues that cannot otherwise be resolved.

E. To decide how to develop standards for service by coordinators.

F. To decide how appeals of local coordinators' decisions should be handled.

G. To develop a process for the recognition and orderly succession of coordinators.

H. To decide how the coordinating community should respond to the introduction of new technologies.

Surprisingly, the objectives of the meeting are very well met by SERA. Our coordination policy document, originally written in 1987, addresses most of the questions above.

We do agree that lack of recognition by the FCC and national standards are strong points that SERA and all coordinators are concerned about.

Dave Shiplett, AC4MU, SERA President said that SERA will be represented at the meeting and offer any input we may be asked and to see what part we as a coordinator, the 2nd largest in the nation, might can play. Shiplett said the overall idea sounds good.

He asked that any of our members who might have some input or might wish more information to contact him. Write or call Dave prior to October 1 if you have any input in this matter. His phone and address is listed on Page 2. Your comments are invited!

HOW SERA WORKS

WHAT MAKES US TICK!

Got your repeater On the air - finally . . Now let SERA know!

-by Wayne C. Williams, K4MOB, Editor

If you got a good coordinated frequency and began the task of getting your repeater going, you have realized it wasn't quite as simple as you thought.

Don't get caught in the "unlisted" trap.

Along with your coordination papers was a FORM 9. This form must be sent to the coordinator when your repeater is placed on the air - full time. This lets your coordinator know that your system is up and running. The repeater index in the SERA database lists your repeater as Proposed until the form is returned to the Director.

If you happen to get on near the end of the year, and don't return the form, your "proposed" repeater listing is not accepted in the ARRL database for the new National Repeater Directory.

Another reason for sending in the form, your coordination is good for only 6-months unless your repeater is confirmed operational or you request the one-time extension. Lots of sticky problems might occur if six months pass, you have the machine on, but forgot to send in the form indicating is on and running.

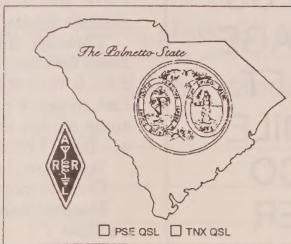
WCARS Special Event Station

-by Dan Henderson, WA4QQN

The Western Carolina Amateur Radio Society (WCARS) of Asheville, NC and its club station W4MOE will hold its annual Special Events Operation September 9 and 10 from Mt. Pisgah and Blue Ridge Parkway starting at 1600Z Saturday through 1600Z Sunday.

The event commemorates the 100th Anniversary of the opening of the Biltmore Estate by George Vanderbilt, which included the Mt. Pisgah and Pisgah National Forest area.

Operations will be held on a wide variety of HF/VHF/UHF frequencies and modes, including SSB, CW and Packet. For QSL cards a special commemorative certificate send your QSL card and a large manila SASE with two units of postage to: W4MOE, C/O WCARS, P.O. Box 1488, Asheville, NC 28801. For more information on the event, contact Dan Henderson, WA4QQN, Operating Events Coordinator, WCARS, P.O. Box 188, Skyland, NC 28776. Phone (704) 669-4450.



NØCKN

Jerry Pollard
3458 Buro Road
Timmonsville, SC 29161
U.S.A.

USA-CA 418 10/10 #29837 FM 04

☐ PSE QSL ☐ TNX QSL

QSO WITH	CONFIRMING QSO						
	DAY	MONTH	YEAR	UTC	MHZ	RST	2-WAY

QSLs by NØCKN & NØCOL

• *250 STATE/SEAL QSL CARDS* •

3½ x 5½" • Semi-Gloss Card Stock • Choose from Blue, Black, Red or Green Ink. Logos **FREE**. Special —250 for $23.95 plus $3.50 shipping and handling (SC residents, please add 5% Sales Tax. Larger quantities also available. Many other styles of cards and paper stock available. Your design or ours—send SASE for additional information. Your check is fine, or we can accept VISA or Mastercard.

Pollard, 3458 Buro Road, Timmonsville, SC 29161 • (803) 346-2412

Embroidery Makes The Difference!

Custom Embroidery by Merlin

Computerized Multi-Needle Magic With Personalized name, callsign, Logos or designs on hats, shirts, jackets, bags and many other items in various colors for Athletic, Civic, Professional and Amateur individuals or organizations.

1000 + Stock Designs, Alphabets & Monograms
Top Quality Work At Competitive Rates
Convenient Evening and Weekend Hours!
No Job Too Small - Quantity Discounts
Special Club Rates on Hats - Jackets - Shirts

Call Today - Or See Us At Many SE Hamfests!

Merlin's Custom Embroidery
4819 KEMPSVILLE GREEN PARKWAY
VIRGINIA BEACH, VA. 23462
Merl & Linda Hoover
Call for Information & Quotes - (804) 495-4401

BAMCOM COMMUNICATIONS

SERVING YOUR AMATEUR NEEDS WITH THESE PRODUCTS

ALINCO ICOM YAESU
AEA ASTRON MIRAGE
DIAWA CUSHCRAFT
TIGER TRONICS SMILEY
VALOR COMTELCO
MFJ BANDMASTER
ARRL & NARA BOOKS
VIS STUDY CARDS
AND MORE

ORDER LINE 1-800-283-8696

9AM - 6PM MON-THUR CTZ

LOCAL & TECH LINE 504-277-6815

MAIL ORDERS: P.O. BOX 557 ARABI, LA 70032

DISCOVER VISA, MASTER CARD

tales from the happy hamette

-by CINDY ROGERS, KR4LS
545 WATERBURY DRIVE, FAYETTEVILLE, NC 28311

The First Time

Your Happy Hamette wonders often about the first days of Amateur Radio. I wonder why Hiram Percy Maxim got W1AW instead of W1AA or something else when he was given that call sign. You know that HE probably got to choose his own call sign. The Old Man, as he was called, started out as SNY, which he did choose for himself and his son. Then, when formal call signs were issued, he was given W1AW. I guess W1AW was better to say than 1AW or 1AA or 1ABC. Then there was Guglielmo Marconi, VA1S.

Imagine their first QSOs, as if they talked similar to ours today! Of course, their QSOs were in Morse Code, the first digital mode. They had very poor conditions and limited ranges, with what they supposed then to be their limits. They created and built their equipment. They worked with so many others to achieve what we take for granted today. You know that The Old Man and the other first HAMs were most concerned with signal reports, range, transmission methods since they were the pioneers.

And yes, food. (I told you in my secret investigative report that the Male HAM - even the first male HAMs! - cares most about food, faithful readers will remember) I am pleased to tell you that your Happy HAMETTE did much research and found the transcripts of the First Time on the radio. Here is what happened between W1AW and V1AS.

"This is W1AW. Hey, Guggie, bambino. How are the Ss hanging? Do you decipher my code clearly?"

Crackle, snap, pop - the air is full of wondrous excitement! Marconi taps back! I copy your code, Hiram! You have a nice even touch with your key."!

Crackle! Hiram responds, "I enjoy the Code. I shouldn't wonder that someday someone is going to invent a machine to make with the code that Sam made up? If that happens, wait until they see the Advanced license test I make up! Ha! Ha! Now your turn, Guglielmo.

Marconi responds, "What is that you are saying? "Hi, Hi" - are you saying? Can't quite understand some of these English words."

Through the static and over the ground, Hiram bangs brass furiously, "Guglielmo, would you like to meet me at the Kilo & Watt Restaurant (what was to become the first breakfast eatery for Amateur Radio Operators) in Newington for some of that new Southern dish they have that I am so fond of - ham, I think it's called?

You know, I don't know why but, I just feel like HAM today.

Crackle, pop, crackle.

Marconi bangs " You are a ham?

What ?"

Crackle, snap. W1AW taps, "Of course, I love ham so much, I feel like a HAM every day! Maybe they would put a little pasta on the side for you, Guggie. Over."

Crackle, swooosh!

"Ah, yes, Old Man. I would love to meet with you. My hand is getting so tired working this key. Maybe I'll take a little break. 'Ham', you say? What an interesting word for something. You American Radio Operators! What will you come up with next? I will see you at the restaurant This is VA1S saying that I am 'over' doing the Morse Code with you Old Man! O-V-E-R"

Snap ! Whooosh! Crackle!

"All right, my friend. See you at the restaurant. W1AW out."

I wonder what it felt like to be the first HAMs ? Can you imagine? Can you just imagine? Remember YOUR first QSO?

It's The 16th Annual
Cabarrus Amateur Radio Society

HAMFEST - SWAP MEET

Sunday November 5th, 1995

8 am until 3 pm

Our 4th year at the
Cabarrus County Fairgrounds
Concord, North Carolina
Talk-in Frequency 146.655 / .055

Plenty of parking and easy access to Highways 29 / 601 & I-85.
Plenty of indoor Heated Dealer and fleamarket space.
Rental Tables will be available for your convenience.

Fantastic Prizes

Plenty of Tailgating space in the Fairgrounds Courtyard.
FCC Examinations by Preregistration only

Admission $5.00 advance, $6.00 at the door, under 12 free
Dealer Setup 3 pm - 10 pm Saturday and at 6 am Sunday

To order Tickets and/or Fleamarket Tables, please fill out and return form with SASE.

Make checks payable to C.A.R.S. Hamfest

Send Request Form with SASE to:
C.A.R.S. HAMFEST
P.O. BOX 1290
CONCORD, NC 28025

For more information contact:
Jeff Parker, WA1WXL
1630 Eastwood Drive
Kannapolis NC 28083
(704) 933-7238

Dealer Information Contact:
Bill Hickok WD8SAS
802 williamsburg Dr.
Concord, NC 28025
(704) 788-2873

1995 Preregistration Request Form

Name_____ Callsign_____

Street_____

City_____ State_____ Zip_____

Phone_____

Please Send the following -

_____ Advance Admission Tickets ($5.00 each) ....$_____

_____ Reserved Fleamarket Tables $10.00 each)...$_____

_____ Extra Prize Tickets ($1.00 each).....$_____

Total Enclosed.....$_____

Don't forget to Enclose a Stamped Self-Addressed Envelope RJ95

Please Note! Requests received without SASE, improper payment, or later than October 27th, 1995 will be held at the door.

THE SERA OFFICIAL REPEATER INDEX

as of July 30, 1995

Copyright SERA 1995. The SERA Repeater Journal is Copyrighted 1995 by The SouthEastern Repeater Association, Inc., the official Coordinating Council for: Virginia, North Carolina, South Carolina, Kentucky, West Virginia, Tennessee, Georgia, and Mississippi.

The SERA Repeater Index may be published or reproduced in any form by any publication or electronic means to be distributed without charge. Appropriate credit must be given to the SERA Repeater Journal.

Reproduction or publication of the SERA Repeater Index in any form, mechanically or electronically for a charge is prohibited without prior written consent of SERA, Inc. All other rights reserved.

SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings are those of the actual repeater owner or sponsor. We make every effort to keep the index as accurate as possible with information provided. The SERA Repeater lists contain certain repeaters which are NOT coordinated or not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by SERA.

Repeater owners are reminded to contact their local Frequency Coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements.

SERA SIMPLEX FREQUENCIES

10 meter:	29.60							
6 meters:	52.49	52.51	52.525					
2 meters:	146.40*	146.415*	146.43*	146.445*	146.46*	146.475	146.49*	146.505*
	146.52	146.535	146.55	146.565	146.58	146.595	147.405*	147.42*
	147.435*	147.45*	147.465*	147.48*	147.495*	147.51	147.525	147.54
	147.555	147.57	147.585					
220 MHz:	223.42	223.44	223.46	223.48	223.50	223.52	223.54	223.56
	223.58	223.60	223.62	223.64	223.80	223.82	223.84	223.86
	223.88	223.90						
440MHz:	445.825	445.85	445.875	445.90	445.925	445.95	445.975	446.00
(not all listed)	446.025	446.05	446.075	446.10	446.125	446.15		

* Permitted unless operation would cause interference to repeater inputs - be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.

SERA DIGITAL/PACKET SIMPLEX FREQUENCIES

2 meter:	144.91	144.93	144.95	144.97	144.99	145.01	145.03	145.05
	145.07	145.09	145.51	145.53	145.55	145.57	145.59	145.61
	145.63	146.65	145.67	145.69	145.71	145.73	145.75	145.77
	145.79							
220 MHz:	223.66	223.68	223.70	'223.72	223.74	223.76	223.78	
440 MHz:	430.05	430.15	430.25	430.35	430.45	430.55	430.65	430.85
	430.95	440.975	441.00	441.025	441.05	441.075		

Note: 430.75 is reserved for ATV Audio Channel

NOTE: Digital operators are reminded to check with local Digital Societies for which digital channels are available for various digital usage, in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage.

REPEATER INDEX LISTINGS BY CITY - BY STATE

GEORGIA REPEATERS

10 METERS

ALBANY	W4MM	29.580	29.680	N	L
ATL/MARIETTA	N4NEQ	29.540	29.640	*	LT118.8
DALTON	N4BZJ	29.580	29.680	*	AL

6 METERS

ATL/MARIETTA	KD4DKW	52.090	53.090	*	LT118.8
AUGUSTA	K4EDU	52.030	53.030	N	O
#BISKEY MTN	KC4JNN	52.050	53.050	*	UNCOORD.
CARTERSVILLE	WB4AEG	52.070	53.070	*	PR
CLEVELAND	N4RBT	52.170	53.170	N	
#CONYERS	WB4JEH	52.550	51.550	*	UNCOORD.
CONYERS	WB4JEH	52.550	53.550	*	LT151.4
CRAWFORD	KD4FVI	52.330	53.330	*	ET88.5
DALTON	N4BZJ	52.130	53.130	*	
DOUGLASVILLE	N4UOX	52.470	53.470	N	T
#HIGH HOUSE MTN	W4VWH	52.450	53.450	N	UNCOORD.
JULIETTE	KC4ZIZ	52.430	53.430	*	B
PINE LOG MT	WB4UPC	52.050	53.050	N	L
PINE LOG MT.	KE4PN	52.290	53.290	N	L
VALDOSTA	KB0Y	52.890	53.890	*	T141.3
WATKINSVILLE	KD4AOZ	52.570	53.570	N	PROPOSED

2 METERS

ADAIRSVILLE	WD4IWL	146.085	146.685	*	PL
ALBANY	W4MM	144.550	145.150	N	L
ALBANY	W4MM	146.100	146.700	N	A
ALBANY	W4MM	146.130	146.730	N	
ALBANY	W4MM	146.220	146.820	N	
ALBANY	W4MM	147.720	147.120	N	O
ALBANY	WB4TFW	147.750	147.150	N	
AMERICUS	WD4EBB	147.870	147.270	N	
ATHENS	WA4BKF	146.145	146.745	*	P
ATHENS/CRAWFORD	K4TQU	147.975	147.375	*	P
ATL/UNION CITY	WA4UPE	146.025	146.625	*	BEP
ATLANTA	W4AQL	144.550	145.150	N	PEB
#ATLANTA	WB6RTH	144.590	145.190	*	UNCOORD.
ATLANTA	NK9Q	144.690	145.290	N	BEP
ATLANTA	W4DOC	144.750	145.350	*	
ATLANTA	WB4QGR	146.040	146.640	N	T
ATLANTA	W4DOC	146.220	146.820	*	EP
ATLANTA	K4CLJ	146.370	146.970	N	T
ATLANTA	WA4NNO	146.400	147.000	N	P
ATLANTA	K4YSB	147.705	147.105	N	Y
ATLANTA	K4JPD	147.795	147.195	N	T
ATLANTA	WD4KDT	147.855	147.255	*	BT110.9
ATLANTA/AIRPORT	W4REI	147.630	147.030	*	
ATLANTA/BELL	W4PME	144.810	145.410	*	BEP
ATLANTA/GPCO	WA4VBX	147.885	147.285	*	
ATLANTA/MARIETTA	N4NFP	146.055	146.655	N	ABLRT118.8
ATLANTA/MARIETTA	N4NEQ	147.945	147.345	*	ELRP118.8
ATLANTA/SWEAT MT	KD4NC	146.130	146.730	*	LK
AUGUSTA	KK4HL	144.510	145.110	*	A
AUGUSTA	N4MWQ	144.690	145.290	*	
AUGUSTA	AA4UA	144.770	145.370	N	AB
AUGUSTA	NI4I	144.810	145.410	*	BP
AUGUSTA	W4DV	144.890	145.490	*	B
AUGUSTA	N4MWQ	146.040	146.640	*	O
AUGUSTA	KT4N	146.340	146.940	N	
AUGUSTA	NA4I	146.385	146.985	*	BELPT100.0
AUGUSTA	NI4S	147.720	147.120	N	P
AUGUSTA	N4BMA	147.780	147.180	N	Y
BALDWIN	WD4NHW	147.780	147.180	*	A
BLAIRSVILLE	K5PRE	146.355	146.955	*	
BONAIRE	KM4DT	147.615	147.015	*	
BOSTON	W4UCJ	147.795	147.195	*	ABE
BRNSWK/JEKYLL IS	KB4PXX	144.810	145.410	N	
BRUNSWICK	K4TVE	146.130	146.730	N	A
CALHOUN/JASPER	KC4AQS	147.405	146.805	N	PLBR
CARROLLTON	W4FWD	146.040	146.640	*	BET131.8
CARTERSVILLE	N4GIS	146.415	147.015	*	BERP
CEDARTOWN	W4CMA	147.720	147.120	*	P
CHATSWORTH	N4YYD	144.650	145.250	N	BERPT71.9
CHULA	WD4LYV	147.885	147.285	N	B
CLARKESVILLE	K4HCA	147.720	147.120	*	BEP
CLAYTON	WA4BLQ	144.650	145.250	*	
CLEVELAND/LONG	WB4HIG	146.310	146.910	*	A
COCHRAN	N4MXC	144.510	145.110	*	ABET
COLUMBUS	KA4CEK	144.710	145.310	N	
COLUMBUS	W4CVY	146.010	146.610	N	A
COLUMBUS	W4CVY	146.280	146.880	N	
COMMERCE	KB4ZUN	147.825	147.225	N	
CONYERS	WB4JEH	144.630	145.230	*	LT151.4
CONYERS	WB4JEH	146.010	146.610	*	ABLT151.4
CONYERS	N4EMM	147.810	147.210	N	BEPT162.2
COOLIDGE	N4JBF	144.570	145.170	N	PR
CORDELE	KB0Y	144.630	145.230	*	PROPOSED
CORDELE	KA4WUJ	144.890	145.490	*	BT103.5
COVINGTON	WA4ASI	146.325	146.925	*	AL
COVINGTON	WA1KMS	147.870	147.270	*	BT127.3
CUMMING/SAWNEE	K4BYK	147.750	147.150	*	PL
DAHLONEGA	N4KHQ	147.435	146.835	*	BPR
DALLAS	K4DVJ	146.250	146.850	N	PE
DALLAS	WD4LUQ	147.495	146.895	*	BRT77.0
DALTON	KS4BS	144.630	145.230	N	A
DALTON	N4BZJ	147.735	147.135	*	ABELRT100.0
DECATUR	W4BOC	144.850	145.450	*	
DOUGLAS	K4SES	147.645	147.045	*	
DOUGLASVILLE	N4ZCV	144.510	145.110	*	BPT88.5
DOUGLASVILLE	WA4CLC	147.960	147.360	*	
DUBLIN	WA4HZX	147.960	147.360	*	A
EASTMAN	KD4DTA	144.610	145.210	N	B
EATONTON	KC4YHM	147.690	147.090	*	ABELT179.9
ELBERTON	N4UJT	146.025	146.625	N	
ELLIJAY/TALONA M	KC4ZGN	146.385	146.985	*	ABT77.0
FAYETTEVILLE	W4PSZ	144.610	145.210	*	PE
FAYETTEVILLE	K4UWN	146.085	146.685	*	
FLINTSTONE	W4FGQ	144.750	145.350	*	
FOLKSTON	KD4GEY	146.190	146.790	N	
#FORSYTH	W4STJ	147.315	147.915	N	UNCOORD.
FORSYTH	KB4KIN	147.765	147.165	N	PL
GAINESVILLE	W4NSO	146.070	146.670	*	PET131.8
GRIFFIN	K4HYB	144.790	145.390	*	P
GRIFFIN	K4HYB	146.310	146.910	*	
HARTWELL	WA4RBS	146.295	146.895	N	BT100.0
HINESVILLE	KF4UM	147.615	147.015	*	ABE
IRWINTON	WB4NFG	147.840	147.240	*	ABT77.0
JASPER	KB4IZF	144.770	145.370	*	BPT100.0
JASPER	W4OOM	146.100	146.700	*	
JESUP	WA4EQL	144.590	145.190	*	B
JESUP	KA4EIM	144.830	145.430	*	A
JESUP	N4PJR	146.325	146.925	*	P
JESUP/SCREVEN	N4PJR	147.945	147.345	*	O
JONESBORO	WA4DIW	144.570	145.170	*	BE
JONESBORO	WA4OGE	144.730	145.330	*	E
KIBBEE	K4HVK	146.220	146.820	*	PT
LAFAYETTE	KB4VAK	147.975	147.375	*	ABRT77.0
LAGRANGE	WB4BXO	147.930	147.330	N	
LAVONIA	K4NVG	146.115	146.715	*	BEPT100.0
LAWRENCEVILLE	WB0QGH	144.590	145.190	*	BT82.5
LAWRENCEVILLE	WB0QGH	144.590	145.190	*	ABELRT77.0
LAWRENCEVILLE	WD4JXR	147.675	147.075	*	EP
#LOOKOUT MTN	KC4WHD	147.810	147.210	*	UNCOORD.
MACON	W4BKM	144.770	145.370	N	
MACON	WB4OLL	144.830	145.430	N	PLR
MACON	W4BKM	146.060	146.660	N	NBP
MACON	KC4ZGR	146.205	146.805	*	AET77.0
MACON	N3SM	146.295	146.895	*	AT123.0
MACON	WA4DDI	147.660	147.060	*	T
MADISON	WB4DKY	146.265	146.865	*	A
MARIETTA	K4LCI	144.830	145.430	*	P
MARIETTA	WA4QPL	144.890	145.490	*	PE
MARIETTA	N4NFP	146.175	146.775	*	BLRPT118.8
MARIETTA	W4IUD	146.280	146.880	*	BEPT100.0
MILLEDGEVILLE	KF4LT	144.550	145.150	N	PT
MILLEDGEVILLE	WB4DOJ	146.100	146.700	*	A
MILLEDGEVILLE	K4FRM	147.735	147.135	*	BLT123.0
MOULTRIE	WD4KOW	146.190	146.790	N	
NEWNAN	K4SEX	144.530	145.130	*	BEPT111
NEWNAN	K4SEX	146.190	146.790	*	BEPT111
PEMBROKE	WB4CJB	147.675	147.075	N	A
PERRY	AC4MU	146.355	146.955	*	B
PINE MT/HAMILTON	WB4ULJ	144.590	145.190	N	B
QUITMAN	WA4NKL	146.280	146.880	N	
RICEBORO	KF4UM	144.870	145.470	*	ABE
RINGGOLD	W4ABZ	146.115	146.715	N	
ROME	WB4YSV	147.900	147.300	N	
ROME/MT. ALTO	W4VO	146.340	146.940	*	BP
ROSWELL	N4CLA	147.660	147.060	*	PE
SANDERSVILLE	AD4ID	144.670	145.270	*	AT77.0
SAVANNAH	KK4TO	146.100	146.700	*	PE
SAVANNAH	W4HBB	146.280	146.880	N	AB
SAVANNAH	W4HBB	146.370	146.970	N	AB
SAVANNAH	KK4TO	147.810	147.210	*	PE
SAVANNAH	KK4TO	147.930	147.330	*	BEP
#ST SIMONS ISL	N4XGI	147.690	147.090	*	UNCOORD.
ST. MARYS	KA4UUB	146.385	146.985	N	
STATESBORO	NC4D	147.705	147.105	N	
STOCKBRIDGE	WA4JDR	144.710	145.310	N	
STONE MT	W4BOC	146.160	146.760	*	T107.2
SUMMERVILLE	KA4LVY	147.825	147.225	*	A
SWAINSBORO	K4VYX	146.190	146.790	N	O
SWEAT MT/MARIETT	N4CLA	144.870	145.470	*	PE
THOMASTON	K4IMK	147.990	147.390	N	
THOMASVILLE	W4UCJ	147.660	147.060	*	O
#THOMASVILLE	KD4POG	147.840	147.240	*	UNCOORD.
THOMSON	KC4GSS	146.235	146.835	*	A
TOCCOA	KA4DIP	147.930	147.330	*	
TWIN CITY	N4REB	147.915	147.315	N	PR
VALDOSTA	KB0Y	144.530	145.130	*	LRT141.3
VALDOSTA	N4NQG	146.160	146.760	*	BRPT141.3
VALDOSTA	KB0Y	147.735	147.135	*	PT141.3
VIDALIA	KE4ZZ	146.025	146.625	N	A
WALESKA/PNLGMT	KE4PN	144.670	145.270	N	L
WARM SPRINGS	KN4FE	146.385	146.985	N	BE
WARNER ROBINS	WA4QWI	146.250	146.850	*	BP

More Georgia Repeaters . . .

WARNER ROBINS	WB4BDP	147.780	147.180 *	ABL
WARNER ROBINS	AC4MU	147.900	147.300 *	ABER
WATKINSVILLE	KD4AOZ	147.645	147.045 *	
WAYCROSS	KD4CEX	146.040	146.640 N	A
WAYNESBORO	WD4COL	144.630	145.230 N	
WRENS	KB4NA	146.175	146.775 *	
WRIGHTSVILLE	WA4RVB	146.340	146.940 N	ABLR

220 MHZ

ACWORTH/ATL	N4MTA	222.720	224.320 *	BEPT100.0
ACWORTH/ATL	N4MTA	222.900	224.500 *	BEPT100.0
#ALPHARETTA	NX9O	222.980	224.580 N	UNCOORD.
#ALPHARETTA	WB6RTH	223.240	224.840 *	UNCOORD.
ALPHARETTA	KC4JNN	223.260	224.860 *	ABELRT100.0
ATL/MARIETTA	N4NEQ	222.840	224.440 *	BLRPT118.8
ATLANTA	N4BLR	222.680	224.280 N	
ATLANTA	W4DOC	222.740	224.340 *	
ATLANTA	W4DOC	222.960	224.560 *	
ATLANTA	KK4C	223.220	224.820 N	
ATLANTA-NE	KC4OVY	222.600	224.200 *	BRPT100.0
ATLANTA/BELL	W4ZTL	223.020	224.620 *	BEP
ATLANTA/MARIETTA	N4NFP	222.520	224.120 *	ABLRT118.8
AUGUSTA	AA4UA	222.600	224.200 N	AB
AUGUSTA	WB4KXO	223.340	224.940 *	P
BALDWIN	WS4F	222.500	224.100 *	
BISKEY MTN	KC4JNN	222.560	224.160 *	ABELRT100.0
BRUNSWICK	N3GLC	222.580	224.180 N	
CALHOUN	AE4AA	222.860	224.460 *	EP
CARTERSVILLE	N4GIS	223.000	224.600 *	BERP
CLAYTON	KI4WR	223.120	224.720 N	
CLEVELAND	N4RBT	222.780	224.380 N	P
#CONYERS	WB4JEH	222.420	224.020 *	UNCOORD.
CUMMING	K4JSR	223.380	224.980 *	PL
#DALLAS	N4YDX	222.440	224.040 N	UNCOORD.
DALLAS	N4YDX	222.580	224.180 N	BL
DALLAS	N4YEA	222.940	224.540 *	BP
DALTON	N4BZJ	222.760	224.360 *	ABT
DALTON	N4BZJ	223.080	224.680 *	
DALTON	N4KVC	223.140	224.740 *	ERT
ELLIJAY	KC4ZGN	223.200	224.800 *	PROPOSED
FORT MOUNTAIN	KD4JBQ	223.320	224.920 N	ABERT
FORT MTN/CHATSWO	N4YYD	222.640	224.240 N	BERPT71.9
HIRAM	KC4PZD	223.100	224.700 N	B
HIRAM	N4ZJG	223.360	224.960 N	ABL
#LOGANVILLE	WB6RTH	223.040	224.640 *	UNCOORD.
MACON	W4BKM	223.060	224.660 N	
MARIETTA	KV4L	222.660	224.260 N	BP
MARIETTA	WD4JEM	222.800	224.400 N	PROPOSED
MARIETTA	WA4QPL	223.300	224.900 *	PE
NORCROSS	KB4PRH	222.880	224.480 N	
PINE LOG MTN	KE4AIS	222.920	224.520 *	A
RINGGOLD	W4ABZ	223.040	224.640 N	P
ROCKMART	KC4KLW	223.180	224.780 *	
ROME	WB4YSV	222.820	224.420 N	
ROSSVILLE	KC4EV	223.340	224.940 N	
SNELLVILLE	KR4KS	223.320	224.920 N	
STONE MT	W4BOC	223.160	224.760 *	
TEMPLE	KC4NYV	222.700	224.300 N	B
THOMASVILLE	N4JBF	222.720	224.320 N	AL
VALDOSTA	KB0Y	222.860	224.460 *	PT141.3
WARNER ROBINS	AC4MU	223.240	224.840 *	ABER
YORKVILLE	WD4LUQ	223.280	224.880 *	BRT77.0

440 MHZ

ALBANY	W4MM	449.500	444.500 N	
ALPHARETTA	WB6RTH	447.000	442.000 *	ABEKL
ATL/MARIETTA	N4NFP	447.800	442.800 *	LT118.8
ATLANTA	WA4NMF	447.025	442.025 *	T100.0
ATLANTA	WA4CNG	447.100	442.100 N	PROPOSED
#ATLANTA	WB6RTH	447.225	442.225 *	UNCOORD.
ATLANTA	WB5TUF	447.525	442.525 *	RT
ATLANTA	WA4YNZ	447.975	442.975 N	TPL
ATLANTA	WA4NMF	448.025	443.025 *	T100.0
ATLANTA	KE4ZV	448.650	443.650 N	T118.8
ATLANTA	KD4LXT	448.875	443.875 *	BEP
ATLANTA	W4DOC	449.450	444.450 *	
ATLANTA	WB4UWL	449.500	444.500 *	T123.0
ATLANTA	N4WQ	449.625	444.625 N	AO
ATLANTA	W4DOC	449.825	444.825 *	
ATLANTA	WA4NNO	449.925	444.925 N	
ATLANTA	WA4YNZ	449.975	444.975 N	PTLR
ATLANTA/BELL	W4ZTL	449.150	444.150 *	BEP
ATLANTA/MARIETTA	N4NFP	448.800	443.800 N	BLRPT118.8
ATLANTA/MARIETTA	N4NEQ	449.050	444.050 *	BT118.8
ATLANTA/MARIETTA	N4NEQ	449.775	444.775 *	ABLRP118.8
ATLANTA/STONE MT	W4BOC	449.250	444.250 *	
AUGUSTA	AA4UA	449.400	444.400 N	AB
AUGUSTA	NA4I	449.900	444.900 *	P
AUGUSTA	NA4I	449.950	444.950 *	
BALDWIN	WD4NHW	447.350	442.350 *	
BARNESVILLE	N4GWO	448.675	443.675 N	
#BISKEY MTN	KC4JNN	448.250	443.250 *	UNCOORD.
BRUNSWICK	KD4CPO	448.425	443.425 *	A
BRUNSWICK	K4TVE	449.975	444.975 N	O
CALHOUN/JASPER	KC4AQS	448.375	443.375 N	BP
CEDARTOWN	KD4EKZ	448.400	443.400 *	T123.0
CEDARTOWN	KD4NTF	448.575	443.575 *	BPT107.2
CHATSWORTH	N4OGF	448.000	443.000 *	
CHESTER	KD4IEZ	449.525	444.525 *	BT
CHESTER	WD4JWM	449.525	444.525 *	BT156.7
CLARKESVILLE	K4HCA	447.425	442.425 *	B
#CONCORD	WB4GWA	448.400	443.400 *	UNCOORD.
CONYERS	WB4JEH	447.550	442.550 *	LT151.4
CONYERS	N4EMM	447.750	442.750 N	RP
CONYERS	WB4JEH	449.550	444.550 *	LT151.4
CONYERS	N4EMM	449.750	444.750 N	PL
CONYERS	KC4ELV	449.875	444.875 *	BLP
COVINGTON	KL7TF	448.750	443.750 N	B
COVINGTON	KE4PVE	449.175	444.175 *	BLT
COVINGTON	WA1KMS	449.600	444.600 *	BT127.2
COVINGTON	WA4ASI	449.800	444.800 *	ALT88.5
DACULA	KK4IN	448.550	443.550 N	ALR
DAHLONEGA	N4KHQ	448.100	443.100 *	
DALLAS	WD4LUQ	449.700	444.700 *	BRT77.0
#DALTON	N4BZJ	447.175	442.175 *	UNCOORD.
#DALTON	N4BZJ	449.500	444.500 *	UNCOORD.
DALTON	N4BZJ	449.850	444.850 *	
DECATUR	N3APR	447.200	442.200 N	A
DECATUR	KA4UFM	448.950	443.950 *	BPT110.9
DECATUR	WB4LBM	449.200	444.200 N	
DOUGLASVILLE	N4PLM	449.575	444.575 *	
DUBLIN	KC4FKD	447.600	442.600 N	PT136.5
DULUTH	N2NOG	447.300	442.300 N	BELP
DULUTH	W4IXN	448.775	443.775 *	PROPOSED
EATONTON	KC4YHM	447.925	442.925 *	ABE
ELLIJAY	KC4ZGN	447.700	442.700 *	AT77.0
ELLIJAY	KC4ZGN	449.900	444.900 *	PROPOSED
FOLKSTON	KD4GEY	449.475	444.475 N	PROPOSED
FORT MOUNTAIN	KD4JBQ	447.575	442.575 N	ABERT
FORT MTN/CHATSWO	N4YYD	448.350	443.350 N	BERPT71.9
GAINESVILLE	W4NSO	447.625	442.625 *	PET131.8
GRIFFIN	WB4DEB	448.900	443.900 N	PT
HAMILTON	WB4ULJ	449.400	444.400 N	B
HAMPTON	WB4DEB	448.125	443.125 N	
HELEN	W4MMQ	449.350	444.350 *	AB
HIGH HOUSE MTN	KD4APP	448.200	443.200 N	
HIGH PT/LOOKT MT	KB4VAK	448.450	443.450 *	ABRT77.0
HINESVILLE	KF4UM	449.850	444.850 *	
HOG MOUNTAIN	NZ3I	447.900	442.900 *	BPT103.5
JASPER	KB4MDE	448.425	443.425 N	
JASPER	KB4IZF	449.375	444.375 *	BPT103.5
JESUP	N4PJR	449.925	444.925 *	O
JONESBORO	N4QCP	448.225	443.225 N	
JULIETTE	KD4IEZ	448.025	443.025 *	BT156.7
LAKE SINCLAIR	KD4IEZ	449.700	444.700 *	
LAVONIA	K4NVG	447.475	442.475 *	BPT203.5
LAWRENCEVILLE	WB0QGH	447.850	442.850 *	BT82.5
LAWRENCEVILLE	WB4QDX	449.000	444.000 N	
LAWRENCEVILLE	WB4QDX	449.025	444.025 *	T100.0
LAWRENCEVILLE	KC4LU	449.400	444.400 N	BT82.5
#LOOKOUT MTN	KC4WHD	449.350	444.350 *	UNCOORD.
MACON	K4VTT	447.275	442.275 *	ABELRT100.0
MACON	N4IWK	447.875	442.875 N	P
MACON	KC4ZIZ	448.075	443.075 *	
MACON	W4BKM	449.100	444.100 N	
MACON	K4VTT	449.275	444.275 *	T123.0
MARIETTA	N1KDO	447.050	442.050 *	PT118.8
MARIETTA	KE4QFG	447.325	442.375 *	PROPOSED
MARIETTA	WA4OKJ	447.600	442.600 N	PROPOSED
MARIETTA	N4MTA	448.500	443.500 *	BEP
MARIETTA	KM4BA	448.600	443.600 N	PT
MARIETTA	KM4BA	448.700	443.700 N	
MARIETTA	KM4BA	449.325	444.325 N	PTO
#MARIETTA/ATL	KE4QFG	447.725	442.725 *	UNCOORD.
MONROE	KD4WOU	448.825	443.825 *	T
PEACHTREE CITY	N4YTR	449.675	444.675 N	BP
PERRY	AC4MU	449.950	444.950 *	
QUITMAN	WA4NKL	449.600	444.600 N	T136.5
RINGGOLD	WA4LJU	448.925	443.925 N	
ROCHELLE	WB4OQX	448.200	443.200 *	BE
ROCKMART	KC4KLW	448.275	443.275 *	ABT179.9
ROCKMART	KC4KLW	448.525	443.525 *	
ROSSVILLE	N4PLP	447.125	442.125 N	C
ROSWELL	W8BLA	447.025	442.075 N	AT
ROSWELL	N4SE	447.150	442.150 *	
ROSWELL/BELL	W4QO	448.150	443.150 *	
SAVANNAH	KK4TO	447.700	442.700 *	B
SAVANNAH	WD4AFY	449.000	444.000 N	B
SMYRNA	N4IBW	449.650	444.650 *	
SNELLVILLE	WD4JXR	449.525	444.525 N	PT
#ST SIMONS	N4XGI	447.950	442.950 *	UNCOORD.
STOCKBRIDGE	N4JMD	448.325	443.325 N	PTL
STOCKBRIDGE	N4JMD	448.325	443.325 N	PTR
SWEAT MT/MARIETT	N4CLA	449.475	444.475 *	EP
THOMASVILLE	KD4POG	448.250	443.250 *	PROPOSED
VALDOSTA	KB0Y	449.350	444.350 *	PT141.3
VALDOSTA	KD4QYK	449.700	444.700 *	T141.3
WALESKA/PNLOG MT	WB4YSV	448.850	443.850 N	L
WALUSKA/PINE LOG	WB4YSV	443.850	448.850 N	NB
WARM SPRINGS	N4UER	447.400	442.400 N	BE
WARNER ROBINS	AC4MU	447.900	442.900 *	
WARNER ROBINS	WB4BDP	449.225	444.225 *	EP
WATKINSVILLE	KD4AOZ	449.725	444.725 *	

920 MHZ

DALTON	N4BZJ	907.100	919.100 *	T
#SAVANNAH	WA4VHP	910.250	923.000 *	UNCOORD.

1270 MHZ

ATLANTA NORTH	W4DOC	1271.400	1291.400	*
ATLANTA/BELL	KB4KIN	1272.000	1292.000	*

ATV REPEATERS

ALBANY	W4MM	439.250	427.250 N	OV
ATL/MARIETTA	N4NEQ	255.000	427.250 *	VR
ATLANTA/BELL	W4ZTL	434.000	421.250 *	V
BRNSWK/JEKYLL IS	KB4PXX	439.250	421.250 N	V
DALTON ATV	N4BZJ	265.000	421.250 *	V
SAVANNAH	KK4TO	434.000	421.250 *	V
SAVANNAH	WA4VHP	439.250	427.250 *	BRTV

KENTUCKY REPEATERS

6 METERS

ASHLAND	WA4IBB	52.010	53.010 *	
HIGHLAND HEIGHTS	AD4CC	52.330	53.330 *	ABR
LOUISVILLE	WB4LBR	53.025	52.025 N	NB
STANTON	WD4KNE	52.810	53.810 N	P

2 METERS

ALLEN	K4ICN	147.900	147.300 *	ALR
ASHLAND	KA4OIL	146.340	146.940 *	P
ASHLAND	KA4DII	147.840	147.240 *	P
ASHLAND	WA8KWH	147.930	147.330 N	A
BARDSTOWN,NELSON	WB4GGH	144.870	145.470 *	
BAXTER	WM4H	147.780	147.180 N	A
BEREA	KI4B	146.115	146.715 N	
BLACK MOUNTAIN	N4UDV	147.810	147.210 N	PROPOSED
BOWLING GREEN	WD4MNI	146.055	146.655 *	R
#BOWLING GREEN	KA4CLL	146.250	146.850 N	UNCOORD.
BOWLING GREEN	KA4CFW	147.930	147.330 *	B
BROOKS	W4BDC	146.100	146.700 *	BELPRT
CALVERT CITY	KA4KFD	147.705	147.105 N	AB
CANE VALLEY	WA4UXJ	146.040	146.640 *	A
#CENTRAL CITY	WF4N	146.040	146.640 *	UNCOORD.
CORBIN	WD4KWV	146.010	146.610 *	P
COVINGTON	WA8PBW	144.810	145.410 N	
COVINGTON	WA8PBW	147.990	147.390 N	A
CRESTWOOD	WD8ACR	147.990	147.390 *	PT151.4
DANVILLE	WD4DZC	146.055	146.655 N	A
DIXON	N4IOX	147.855	147.255 N	P
DORTON	KC4KZT	147.495	146.895 *	ERP
DRAKESBORO	AA4PL	146.220	146.820 *	C
ELIZABETHTOWN	KD4GLI	144.750	145.350 N	A
ELIZABETHTOWN	W4BEJ	146.380	146.980 *	ABL
FARMINGTON	WB4BHM	147.840	147.240 *	
FLORENCE	K4JBV	146.295	146.895 *	ALRT100.0
FRANKFORT	KC4KDZ	144.790	145.390 *	OBEP
FRANKFORT	K4NGQ	147.075	147.675 N	
FRANKFORT	KC4AI	147.840	147.240 N	T100.0
GLASGOW	W4WZH	146.340	146.940 *	AB
GRAYSON	KF4JO	146.100	146.700 N	
GREENVILLE	WA4TTC	146.145	146.745 *	P
GRETHEL	KJ4VF	147.645	147.045 *	LRP
GUTHRIE	KA4NNE	146.205	146.805 N	L
HALLS GAP	WD8PRH	144.570	145.170 *	AL
HARLAN	WA4ZAC	147.705	147.105 N	
#HAWESVILLE	K9ZK	147.705	147.105 N	UNCOORD.
HAZARD	K4VHF	146.070	146.670 *	B
HAZARD	WD8PRH	146.205	146.805 *	AL
HENDERSON	W4KVK	144.890	145.490 N	
HENDERSON	K4DPP	146.370	146.970 N	
HIGHLAND HEIGHTS	W4YWH	146.190	146.790 *	
HIGHLAND HEIGHTS	K4CO	147.855	147.255 *	PT123.0
#HODGENVILLE	KC4TX	147.915	147.315 *	UNCOORD.
HOPKINSVILLE	KF4FO	146.110	146.710 N	BR
HOPKINSVILLE	WA4ZVL	147.630	147.030 *	A
IRVINE	WB4AIA	146.220	146.820 *	EP
IRVINE	AD4RU	147.615	147.015 *	BP
IRVINGTON	WB4WVH	146.300	146.900 *	AE
JACKSON	WA4MXO	144.810	145.410 N	A
#JOHNATHAN CREEK	N4SEI	146.385	146.985 N	UNCOORD.
LAWRENCEBURG	N4EQT	146.355	146.955 *	PROPOSED
LEESBURG	KC4UPE	144.510	145.110 *	BPT
LEXINGTON	KC4TX	144.850	145.450 N	P
LEXINGTON	KC4ZY	146.085	146.685 N	A
LEXINGTON	AC4AO	146.130	146.730 *	
LEXINGTON	K4KJQ	146.160	146.760 N	PE
LEXINGTON	WA4HBM	147.765	147.165 N	
LEXINGTON	KJ4VF	147.795	147.195 N	AB
LEXINGTON/GRGTWN	WD8PRH	144.610	145.210 *	L
LITCHFIELD	KB4NFK	147.825	147.225 N	
LONDON	KC4ZFH	147.885	147.285 N	T
LOUISVILLE	WD8PRH	144.630	145.230 *	L
LOUISVILLE	WD4ELX	144.690	145.290 N	PROPOSED
LOUISVILLE	W4OAU	146.280	146.880 *	P
LOUISVILLE	W4PJZ	147.630	147.030 *	BERPT151.4
LOUISVILLE	N4NMC	147.670	147.070 *	BEPT151.4
LOUISVILLE	W4CN	147.780	147.180 *	PE
LOUISVILLE	N4KWT	147.870	147.270 N	
LOUISVILLE	KQ9Z	147.960	147.360 N	A
LOUISVILLE AREA	N4RBL	144.530	145.130 *	BT151.4
LYNCH/BLACK MT	N4IZD	147.945	147.345 N	
LYNN GROVE	KA4BLZ	146.235	146.835 N	PT210.7
MADISONVILLE	WA4PVV	146.010	146.610 *	AB
MARION	KA4FGA	147.885	147.285 N	
MAYSVILLE	WA4WMM	144.870	145.470 *	BEP

More Kentucky Repeaters . . .

MIDDLESBORO	W4PPM	146.175	146.775 N	
MONTICELLO	N4TLK	144.550	145.150 *	BP
MOREHEAD	KJ4VF	144.530	145.130 *	LRP
MOREHEAD	K4GFY	146.310	146.910 N	
MORRILL DATA 120	N4TY	144.670	145.270 N	PROPOSED
MORRILL DATA 960	N4TY	144.710	145.310 N	PROPOSED
MT. STERLING	WD4KNE	147.930	147.330 *	P
MURRAY	WB4NTB	146.340	146.940 *	BP
#NEBO	AA4NI	146.130	146.730 *	UNCOORD
NICHOLASVILLE	WB4CWF	144.890	145.490 N	PE
#NICHOLASVILLE	WB4LBI	146.390	146.990 N	UNCOORD.
OWENSBORO	KN4KQ	146.085	146.685 *	AB
OWENSBORO	K4HY	147.810	147.210 N	AL
OWINGSVILLE	N4TLP	147.675	147.075 N	A
PADUCAH	K4CUW	146.160	146.760 N	
PADUCAH	W4WQ	147.660	147.060 N	
PHELPS	KJ4YK	147.690	147.090 *	R
PIKEVILLE	AD4BI	144.550	145.150 *	BR
PIKEVILLE	KM4IV	146.250	146.850 *	ELR
#PINEVILLE	WA4YZY	146.040	146.640 *	UNCOORD.
PRESTONSBURG	WB4UBY	147.765	147.165 *	
PRINCETON	W4KBL	146.070	146.670 *	
PROVIDENCE	N4IUI	147.930	147.330 N	
RADCLIFF	WB4BEJ	146.325	146.925 *	ABL
RICHMOND	KE4YVD	144.770	145.370 N	BPT192.8
RICHMOND	AC4UW	146.265	146.865 N	BP
SALEM	N4IL	147.915	147.315 *	
SALVISA	KC4ZOX	146.235	146.835 *	BLPT192.8
SALYERSVILLE	KB4SQI	144.590	145.190 N	AB
SCOTTSVILLE	KJ4GL	144.650	145.250 N	A
SHELBYVILLE	KE4LR	147.600	147.000 *	BEP
SOMERSET	N4AI	146.280	146.880 *	BL
SPRINGFIELD	WA4SJH	147.900	147.300 N	ABL
ST. CHARLES	WA4GSB	147.870	147.270 N	
STANTON	N4VOS	144.690	145.290 N	
STANTON	WD8PRH	146.370	146.970 *	ARC
TOMPKINSVILLE	KJ4OG	146.175	146.775 N	B
UNION CITY (TN)	WA4YGM	146.100	146.700 N	
VANCEBURG	KC4TKI	146.175	146.775 *	P
VERSAILLES	KN4YX	144.730	145.330 N	AB
WALTON	K4CO	147.975	147.375 *	
WEBSTER	K4ULW	146.025	146.625 *	B
WILLIAMSBURG	KD4DAX	144.750	145.350 *	AB
WILLIAMSBURG	KG4M	147.600	147.000 *	
WINCHESTER	WB4ASZ	147.720	147.120 *	EP

220 MHZ

ASHLAND	KC4QK	222.340	223.940 *	
AUGUSTA	KC4UXD	222.320	223.920 N	PC
IRVINE	AD4RU	223.340	224.940 *	BP
JARVIS	KB4PNG	223.380	224.980 N	ABELR
LA GRANGE	N4RBL	223.100	224.700 *	PROPOSED
LANCASTER	KD4RXF	222.960	224.560 *	P
LEXINGTON	AC4AO	222.820	224.420 *	ABEL
LEXINGTON	KR4BD	223.200	224.800 *	
LOUISVILLE	KA4MKT	222.700	224.300 N	B
LOUISVILLE	W4MOP	223.220	224.820 N	P
MIDDLESBORO	AA8NA	222.520	224.120 N	T82.5
PIKEVILLE	WB4F	222.980	224.580 N	
PIKEVILLE	KD4DAR	223.020	224.620 *	R
SOMERSET	N4AI	222.700	224.300 *	BER
SOMERSET	N4AI	223.280	224.880 *	BL
VERSAILLES	AD4CR	222.620	224.220 N	BERP

440 MHZ

ALLEN	N4IWZ	449.775	444.775 *	AR
ASHLAND	WB4TAT	449.975	444.975 *	
BOWLING GREEN	WD4MNI	449.100	444.100 *	ABL
BOWLING GREEN	N5KOL	449.650	444.650 *	PT136.5
BOWLING GREEN	N5KOL	449.700	444.700 *	PROPOSED
CANE VALLEY	KC4TX	448.950	443.950 *	AT
CORBIN	WB4IVB	449.900	444.900 *	RT100.0
DORTON	KJ4VF	448.250	443.250 *	LRP
ELIZABETHTOWN	W4BEJ	449.800	444.800 *	ABL
FLORENCE	KC4COV	448.175	443.175 *	PROPOSED
FLORENCE	KC4COV	449.175	444.175 *	ALRT100.0
FORT WRIGHT	KC4MV	447.525	442.525 N	BP
GLASGOW	W4WZH	449.925	444.925 *	
GLASGOW/CVCTY	KF4DC	449.250	444.250 *	
GRAEFENBURG	N4HZX	448.550	443.550 *	BEPR
GRETHEL	KJ4VF	449.525	444.525 *	
HAWESVILLE	KB4QFL	449.625	444.625 N	P
HENDERSON	N4GYT	449.275	444.275 N	A
#HENDERSON	N9APA	449.450	444.450 N	UNCOORD.
HENDERSON	KA4NCX	449.725	444.725 N	PROPOSED
HIGHLAND HEIGHTS	W4YWH	449.900	444.900 *	
HOPKINSVILLE	KE4AIF	449.750	444.750 N	ABT
IRVINE	WB4AIA	447.900	442.900 *	P
IRVINE	AD4RU	449.000	444.000 N	BP
JENKINS	KK4WH	449.300	444.300 N	BLRP
LATONIA	AA4XV	447.400	442.400 N	PT
LAWRENCEBURG	N4EQT	448.325	443.325 *	B
LEWISPORT	KN4KQ	449.550	444.550 *	ALR
LEXINGTON	KD4ADJ	447.050	442.050 *	PROPOSED
LEXINGTON	KE4OOL	448.025	443.025 N	BPT
LEXINGTON	KC4ZY	449.725	444.725 N	RP
LEXINGTON	WD4EJA	449.950	444.950 N	
LOUISVILLE	N4ORL	447.000	442.000 N	RP
LOUISVILLE	KB4RYM	447.500	442.500 N	C
LOUISVILLE	WD4ELX	447.550	442.550 N	B
LOUISVILLE	KB4YJ	447.725	442.725 N	BET151.4
LOUISVILLE	WD4ELX	448.450	443.450 N	LR
LOUISVILLE	WD9EQC	448.500	443.500 N	
LOUISVILLE	N4UL	449.100	444.100 *	ABELRT173.8
LOUISVILLE	WB4ZZD	449.300	444.300 N	O
LOUISVILLE	W4MOP	449.500	444.500 N	P
LOUISVILLE	N4NMC	449.600	444.600 *	BEPT151.4
LOUISVILLE AREA	N4RBL	447.100	442.100 *	BPT151.4
LOUISVILLE AREA	KD4CLR	447.450	442.450 N	ABT151.4
MADISONVILLE	KC4FIE	447.425	442.425 N	
MADISONVILLE	KC4FIE	447.775	442.775 N	B
MADISONVILLE	KC4FIE	449.600	444.600 N	P
MARION	KR4PF	449.200	444.200 *	
MAYSVILLE	N4TZV	448.500	443.500 N	
META	WB4UBY	448.500	443.500 N	
MIDDLESBORO	AA8NA	447.325	442.325 N	T67.0
MIDDLESBORO	WB4IVB	449.150	444.150 *	T
MONTICELLO	WB9SHH	449.750	444.750 *	PROPOSED
MOREHEAD	K4GFY	447.500	442.500 N	PROPOSED
MT STERLING	KD4ADJ	447.600	442.600 *	P
NEBO	AA4NI	449.850	444.850 *	C
NICHOLASVILLE	KC4UPE	449.775	444.775 *	PROPOSED
NICHOLASVILLE	WB4CWF	449.975	444.975 N	CR
OLIVE HILL	KO4LI	449.925	444.925 N	A
PHELPS	N4MVY	449.575	444.575 *	
PIKEVILLE	KD4DAR	449.375	444.375 *	
PIKEVILLE	AD4BI	449.475	444.475 *	BR
PRESTONSBURG	WB4TRS	449.200	444.200 *	BR
ROBINSON CREEK	KC4VYX	449.675	444.675 *	B
ROCKPORT	KD4BOH	447.675	442.675 N	PROPOSED
SALEM	KC4VXR	449.825	444.825 *	T100.0
SALVISA	KC4UPE	449.875	444.875 *	BPT167.9
SALYERSVILLE	KE4NLL	449.050	444.050 N	PROPOSED
SPRINGFIELD	WA4SJH	449.600	444.600 N	
STANTON	N4VOS	447.075	442.075 N	CRP
VERSAILLES	AD4CR	448.775	443.775 N	P
WALTON	K4CO	449.350	444.350 *	A

ATV REPEATERS

BOWLING GREEN	W4HTB	439.250	280.000 *	V
BOWLING GREEN	W4HTB	439.250	426.250 *	V
BOWLING GREEN	W4HTB	439.250	922.250 *	OV
ELIZABETHTOWN	W4BEJ	439.250	421.250 *	V

MISSISSIPPI REPEATERS

10 METERS

#BYHALIA	N4DRL	29.580	29.680	N	UNCOORD.
POPLARVILLE	WA5WRE	29.520	29.620 *		

6 METERS

BYHALIA	N4DRL	52.270	53.270	N	PROPOSED
ELLISVILLE	N5EKR	52.010	53.010 *		

2 METERS

ABERDEEN	WB5USN	147.870	147.270	N	A
ACKERMAN	NO5N	147.720	147.120	N	
AMORY	KB5DWX	146.340	146.940 *		LT192.8
AMORY	KB5DSN	147.690	147.090	N	
#BAY ST LOUIS	KB5MPW	147.900	147.300	N	UNCOORD.
BAY ST. LOUIS	K5GY	146.100	146.700	N	
BAY ST. LOUIS	K0VNO	146.250	146.850	N	
BILOXI	KC5IF	146.130	146.730 *		AEP
BILOXI	K5TYP	146.190	146.790	N	AB
BOONEVILLE	WB5UVT	144.590	145.190	N	AB
BUDE	K5JMD	146.250	146.850	N	T100.0
BYHALIA	N4DRL	144.730	145.330	N	PROPOSED
BYHALIA	N4DRL	147.825	147.225	N	
CHATAWA	WB5GOJ	144.710	145.310	N	PR
#COLLINS	N5LRQ	146.385	146.985 *		UNCOORD.
COLUMBIA	N5SPF	147.885	147.285	N	
COLUMBUS	KA5LVU	144.830	145.430	N	A
COLUMBUS	KA5GOU	147.600	147.000	N	A
CORINTH	KA5RPB	144.790	145.390	N	A
CORINTH	WB5VOJ	146.325	146.925	N	
CORINTH	K5UFH	146.400	147.000	N	
CORINTH	KB5TGA	147.885	147.285	N	ABLR
D'IBERVILLE	KC5IF	144.810	145.410 *		APER
D'IBERVILLE	W5OXA	147.825	147.225 *		L
ELLISVILLE	N5EKR	146.355	146.955 *		
ELLISVILLE	N5DWU	147.465	146.865 *		BLT136.5
ELLISVILLE	N5DWU	147.495	146.895 *		LRT136.5
FOREST	AB5SO	147.990	147.390 *		BPT100.0
FULTON	N5VGK	144.890	145.490	N	A
GREENVILLE	WA5MBA	146.220	146.820	N	A
GREENVILLE	KG5SF	147.945	147.345	N	PROPOSED
GREENWOOD	KA5TQY	146.115	146.715	N	
GRENADA	WB5LVA	146.100	146.700	N	
GULFPORT	KA5CYR	144.730	145.330 *		ABE
GULFPORT	KA5VFU	147.975	147.375 *		L
HATTIESBURG	W5CJR	144.590	145.190 *		O
HATTIESBURG	KA5NNX	144.770	145.370	N	
HATTIESBURG	WB5TJK	146.175	146.775	N	PROPOSED
HATTIESBURG	W5CJR	147.960	147.360 *		
HERNANDO	K5VV	146.310	146.910 *		A
ISOLA	KC5OB	146.355	146.955	N	
IUKA	WB5MFK	146.250	146.850	N	A
JACKSON	KB5KGE	144.790	145.390	N	
JACKSON	W5AXQ	146.160	146.760 *		
JACKSON	K5QNE	146.280	146.880 *		ABET100.0
JACKSON	KA5SBK	146.340	146.940	N	BET100.0
JACKSON	NC5Y	147.675	147.075	N	AT
JACNITO	WB5HKK	147.750	147.150	N	A
KOSCIUSKO	W5LWC	146.250	146.850	N	
LAUREL	KB5RQL	146.010	146.610 *		BEP
LAUREL	WV5D	146.430	147.030	N	
LAUREL	KC5RC	147.855	147.255	N	
LOUISVILLE	KB5PKU	147.960	147.360 *		AB
MADISON	N5NIL	146.040	146.640 *		
MAGEE	K5HYE	146.220	146.820 *		B
MAGEE	KA5LNY	147.900	147.300 *		BE
MCCOMB	K5JMD	146.340	146.940	N	B
MCHENRY	KA5CYR	147.930	147.330 *		B
MENDENHALL	K5HYE	144.510	145.110 *		B
MERIDIAN	N5DWU	144.810	145.410 *		PROPOSED
MERIDIAN	W5DEJ	146.100	146.700 *		A
MONTICELLO	N5JHK	147.615	147.015	N	AB
MOOREVILLE	WB5NAY	146.040	146.640	N	A
NATCHEZ	W5KHB	146.085	146.685	N	
NATCHEZ	K5OCM	146.310	146.910	N	A
NATCHEZ	K5SVC	147.960	147.360	N	B
NEW ALBANY	N5CAX	146.070	146.670	N	AB
NEW HEBRON	N5MRS	147.690	147.090	N	AEATLRB
OCEAN SPRINGS	W5LDD	147.630	147.030 *		AB
OLIVE BRANCH	KA5WMH	144.750	145.350	N	O
OXFORD	KC5KLW	144.690	145.290	N	PROPOSED
OXFORD	NU5O	144.870	145.470 *		
PASCAGOULA	W5WA	144.510	145.110 *		AET
PASCAGOULA	N5AAY	146.280	146.880	N	A
PASCAGOULA	KI5ZH	146.370	146.970	N	
PEARL/RANKIN CO	KF5IZ	147.750	147.150	N	ABET88.5
PETAL	N5DWU	144.570	145.170 *		PROPOSED
PHILADELPHIA	N5EPP	147.930	147.330	N	
PICAYUNE	K5LFP	144.550	145.150	N	A
POLKVILLE	KB5LCL	147.645	147.045	N	BLT141.3
PONTOTOC	WB5NAY	147.980	147.380	N	NB
POPLARVILLE	WA5WRE	144.610	145.210 *		A
PORT GIBSON	KE5WO	146.025	146.625	N	
PURVIS	KB5ZCX	146.070	146.670	N	PROPOSED
RICHTON	N5DWU	144.890	145.490 *		PROPOSED
RICHTON	N5OCF	147.660	147.060 *		
ROSE HILL	N5LRQ	144.530	145.130	N	PROPOSED
SENATOBIA	KB5DMT	146.385	146.985	N	
SHARON	N5RMZ	144.850	145.450	N	B
SOSO	KB5UIX	147.735	147.135	N	PROPOSED
SOUTHAVEN	N5PYQ	144.770	145.370	N	BET107.2
STARKVILLE	W5VZF	146.130	146.730 *		
STARKVILLE	KF5C	146.205	146.805	N	P
SUMRALL	KA5FYW	147.795	147.195	N	
TUPELO	N5ELS	147.840	147.240	N	A
UNION	N5SPJ	147.810	147.210	N	ABEPRT100.0
UTICA	N5ZMZ	144.750	145.350 *		
UTICA	N5ZMZ	147.945	147.345 *		C
VICKSBURG	WJ5L	144.690	145.290	N	
VICKSBURG	KJ5OB	146.205	146.805	N	
VICKSBURG	WB5YKR	147.870	147.270 *		BEPT100.0
VOSSBURG	N5DWU	144.870	145.470 *		PROPOSED
WALLS	N5NBG	144.670	145.270 *		PT162.2
WATER VALLEY	WB5QFX	146.400	147.000	N	
WAYNESBORO	KI5WK	146.325	146.925 *		LRT136.5
WAYNESBORO	KB5SAR	147.705	147.105 *		PROPOSED
WEST POINT	KO5S	146.190	146.790	N	A
WIGGINS	KB5DZJ	144.670	145.270 *		BP
WINONA	N5DHS	146.370	146.970	N	A

220 MHZ

ACKERMAN	NM5D	223.180	224.780	N	
ACKERMAN	NM5D	223.220	224.820	N	
BAY ST. LOUIS	K0VNO	223.280	224.880	N	
BILOXI	K5TYP	222.900	224.500	N	
BYHALIA	N4DRL	222.900	224.500	N	PROPOSED
CORINTH	KA5RPB	222.920	224.520	N	
ELLISVILLE	N5EKR	222.800	224.400 *		PROPOSED

SERA REPEATER SYMBOLS

* Full Member Supporter	M T-MARC Territory Repeater
D Deliquent Membership	NB Not on SERA Freq. Plan
N Non-Member of SERA	O Off the Air Temporarily
A Autopatch (Open)	P Private Autopatch
B Emergency Power	R Remote Base System
C Under Construction	T Tone Accessed
E Emergency Autopatch	V Television (SSTV/ATV)
K Packet Operation	Y RTTY Operation
L Linked Repeater	

NOTE: Some repeaters allow voice as well as other functions on their machine. Generally the second function is indicated, but it does not necessarily mean the machine is solely operated in that mode. Operators may check with owners for information. Repeaters with normal input/output (pairs) are listed in the regular FM repeater index and their operation of Packet is indicated with "K". For tone-accessed repeaters, the codes column contains the tone or access code only for those repeaters which the owner or trustee has given us written permission to publish.

Entries with "#" in front of the city indicate repeaters added to this index that have not been coordinated through the local SERA state coordinator. Please work with your coordinator to get this indicator removed.

Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROPOSED" showing in the codes column.

More Mississippi Repeaters . . .

HATTIESBURG	W5CJR	223.140	224.740 *	O
PONTOTOC	KE5ST	223.300	224.900 N	
VICKSBURG	WB5OWY	223.180	224.780 *	
#WAYNESBORO	KB5SAR	222.540	224.140 *	UNCOORD.

440 MHZ

ACKERMAN	NM5D	448.650	443.650 N	
ACKERMAN	NM5D	449.900	444.900 N	
AMORY	KB5DSN	449.825	444.825 N	
BILOXI	W5OXA	449.950	444.950 N	PROPOSED
BYHALIA	N4DRL	449.300	444.300 N	PROPOSED
CLERMONT HARBOR	WD5BJT	449.150	444.150 N	AL
CLINTON	KG5YV	449.000	444.000 *	T100.0
COLUMBUS	KB5ZZC	449.325	444.325 N	PROPOSED
ELLISVILLE	N5DWU	447.200	442.200 *	CBPT167.9
ELLISVILLE	N5DWU	447.250	442.250 *	CBLT167.9
ELLISVILLE	N5DWU	447.325	442.325 *	PROPOSED
#GREENVILLE	AB5PR	449.675	444.675 N	UNCOORD.
GULFPORT	KA5CYR	449.250	444.250 *	ABE
HATTIESBURG	W5CJR	448.700	443.700 *	
HAZLEHURST	N5ZDF	448.950	443.950 N	PROPOSED
HEIDELBERG	KC5RC	449.300	444.300 N	B
HELENA	N4KMH	448.450	443.450 N	PROPOSED
HICKORY FLAT	W4ZCD	449.725	444.725 *	
HORN LAKE	KE5ST	449.650	444.650 N	
INDIANOLA	AB5DU	449.850	444.850 N	
JACKSON	KB5KGE	449.325	444.325 N	
JACKSON	KB5LCL	449.450	444.450 N	RPT141.3
JACKSON	KB5CO	449.600	444.600 *	T100.0
JACKSON	NC5Y	449.700	444.700 N	
JACKSON	KB5CO	449.800	444.800 N	
JACKSON, EAST	AA5RZ	448.625	443.625 N	
LAUREL	AJ0X	448.500	443.500 *	ABEKR
MCCOMB	N5HTQ	449.875	444.875 N	T100.0
MCHENRY	KA5CYR	449.750	444.750 *	B
MENDENHALL	K5HYE	448.600	443.600 *	B
NATCHEZ	N5IAT	448.800	443.800 N	A
NEW ALBANY	WB5YCR	449.150	444.150 N	O
NEW HEBRON	N5MRS	449.525	444.525 N	A
PEARL	KB5HAV	449.375	444.375 N	ABT88.5
PETAL	N5VEI	448.350	443.350 *	BRP
POPLARVILLE	WA5WRE	449.850	444.850 *	
RICHTON	N5OCF	449.625	444.625 *	RP
ROSE HILL	KB5ZCX	447.875	442.875 N	PROPOSED
SOUTHAVEN	N5PYQ	449.925	444.925 N	BT107.2
STARKVILLE	W5VZF	449.750	444.750 *	PR
STENNIS SPACE CE	WB4FUR	449.650	444.650 N	PROPOSED
VICKSBURG	WB5TTE	449.925	444.925 *	ABR
VOSSBURG	N5LRQ	447.725	442.725 N	PROPOSED
WALLS	N5NBG	449.650	444.650 *	
WAYNESBORO	KB5SAR	448.550	443.550 *	PROPOSED
WAYNESBORO	N5DWU	448.900	443.900 *	PROPOSED
WIGGINS	KB5DZJ	448.300	443.300 *	OB

ATV REPEATERS

GAUTIER	KA5NOJ	439.250	911.250 N	V
GAUTIER	KA5NOJ	439.250	426.250 N	V
STENNIS SPACE CE	WB4FUR	439.250	421.250 N	PROPOSED

NORTH CAROLINA REPEATERS

10 METERS

BALD CREEK	N1BEC	29.560	29.660 N	
NEWPORT	K4GRW	29.560	29.660 N	PROPOSED
ROCKY MOUNT	N4JEH	29.560	29.660 *	PROPOSED
THOMASVILLE	K4AZA	29.580	29.680 *	L
WENDELL	WB4IUY	29.520	29.620 *	BL
WILKESBORO	KC4XE	29.520	29.620 *	L
WILSON	WD4IDA	29.540	29.640 *	C

6 METERS

ASHEVILLE	N4OOC	52.470	53.470 N	PROPOSED
BALD CREEK	N1BEC	52.030	53.030 N	
CHAPEL HILL	KE4ZXZ	52.450	53.450 N	ET
#CLINTON	N4ZHC	52.330	53.330 *	UNCOORD.
CLINTON	N4ZHC	52.330	53.330 N	PROPOSED
GASTONIA/CROWDERN	N4XTF	52.110	53.110 *	ABELR
HENDERSONVILLE	WA4FOT	52.130	53.130 *	C
MARS HILL	WB4PLA	52.090	53.090 *	O
MARSHALL	KD4GEU	52.270	53.270 N	PROPOSED
MOUNT AIRY	KD4FWS	52.070	53.070 N	BEPT100.0
NEWPORT	K4GRW	52.010	53.010 N	PROPOSED
#PITTSBORO	KD4JFN	52.230	53.230 *	UNCOORD.
RALEIGH	WA4PEN	52.030	53.030 N	O
RALEIGH	WA4PEN	52.250	53.250 N	B
ROCKY MOUNT	N4JEH	52.050	53.050 *	PROPOSED
ROCKY MOUNT	KC4SBJ	52.650	53.650 N	PROPOSED
SAURATOWN MT	N4QLX	52.210	53.210 N	
SOPHIA/RANDLEMAN	WB4WOR	52.350	53.350 *	PROPOSED
STATESVILLE	WA4WRS	52.670	53.670 N	C
THOMASVILLE	K4AZA	52.170	53.170 *	L
THOMASVILLE	K4AZA	52.525	52.525 *	R
WENDELL	WB4IUY	52.070	53.070 *	PROPOSED
YOUNGSVILLE	KD4MYE	52.370	53.370 *	AE

2 METERS

AHOSKIE	WB4YNF	144.530	145.130 N	A
AHOSKIE	WA4ZGQ	146.310	146.910 *	P
ALBEMARLE	K4OGB	146.385	146.985 *	A
ANDREWS/ROBBINSV	K4AIH	146.445	147.045 *	BELPT151.4
ANDSN MT/DENVER	KD4MMB	144.570	145.170 *	
AQUADALE	WA4CHZ	147.990	147.390 *	A
ASHEBORO	KJ4AV	147.855	147.255 N	PL
#ASHEVILLE	WB4PLA	146.235	146.835 *	UNCOORD.
ASHEVILLE/FLATTP	N4OOC	147.780	147.180 N	PROPOSED
ASHVL/MT PISGAH	WA4BVW	146.160	146.760 *	TB151.4
ASHVL/SPIVEY MT	W4MOE	146.310	146.910 *	AB
BAKERSVILLE	KC4WPM	144.710	145.310 *	ABE
BALD CREEK	N1BEC	147.645	147.045 N	
BEULAVILLE	N4VBH	144.630	145.230 *	BP
BOONE/DYER HILL	N4WET	147.705	147.105 N	
BOONE/RICH MTN	WA4KDB	147.960	147.360 *	ABEL
BREVARD	K4GBH	147.735	147.135 *	P
BROADWAY	KM4OX	147.705	147.105 N	
BURGAW	W4DLH	146.340	146.940 *	
BURLINGTON	K4FHB	146.070	146.670 *	AB
BURLINGTON	KD4JFN	147.675	147.075 *	ABERT107.2
BURNSVILLE	KD4WAR	146.355	146.955 N	PROPOSED
BURNSVILLE	KD4WAR	147.975	147.375 N	ABE
BUXTON	N4AAY	144.550	145.150 N	
CANTON	KC4ZZC	147.405	146.805 *	
CARTHAGE	W2SE	147.840	147.240 *	BP
CASTORIA	KM4OX	147.795	147.195 N	PROPOSED
CHARLOTTE	W4BFB	144.630	145.230 *	
CHARLOTTE	W4BFB	144.690	145.290 *	A
CHARLOTTE	WA4AOS	144.750	145.350 N	L
CHARLOTTE	W4BFB	146.340	146.940 *	A
CHARLOTTE	W4CQ	146.460	147.060 *	ABE
CHARLOTTE	W4CQ	147.870	147.270 *	PROPOSED
CHERRY MT	WA4BKU	146.070	146.670 N	O
CHERRYVILLE	KJ4JTX	144.510	145.110 *	
CLAYTON	KO4XC	144.690	145.290 *	BPT
CLAYTON	WB4IUY	147.990	147.390 *	ABELT88.5
CLINTON	K4OAR	146.190	146.790 *	BEPT131.8
COLUMBIA	KB4TOH	144.510	145.110 *	ABEL
CONCORD/KANNAP	K4CEB	146.055	146.655 *	PB
CROWDERS MT/GAST	WD4PLY	144.850	145.450 N	
DUNN	N4CID	146.100	146.700 *	P
DURHAM	WA4WTX	144.850	145.450 N	AL
DURHAM	WD4LDB	147.960	147.360 *	ABE
EDEN/STONEVILLE	WA4QBG	147.990	147.390 N	
ELIZABETH CITY	WA4VTX	146.055	146.655 N	A
FARMVILLE	K4ROK	144.670	145.270 *	ABT
FAYETTEVILLE	N4EWG	146.205	146.805 N	
FAYETTEVILLE	WA4FLR	146.445	147.045 N	Y
FAYVLLE/CFARS	WB4YZF	146.310	146.910 *	P
FAYVLLE/FT BRAGG	W4LPL	147.930	147.330 *	
FOREST CITY	K4PBG	147.840	147.240 *	AT123.0
FRANKLIN	NT4K	144.890	145.490 N	
FRANKLIN	W4GHZ	147.840	147.240 *	T151.4
GASTONIA/CROWDERN	0IZF	146.205	146.805 *	ABELR
GASTONIA/SPCR MT	W4REW	147.720	147.120 *	P
GIBSONVILLE	AC4DZ	144.890	145.490 *	ART107.2
GOLDSBORO	K4CYP	146.250	146.850 *	PT
GREENSBORO	N4QAA	144.710	145.310 N	AER
GREENSBORO	K4SNI	146.010	146.610 *	A
GREENSBORO	W4GG	147.630	147.030 *	PL
GREENSBORO	W4BUZ	147.810	147.210 N	B
GREENSBORO/BSUM	N4GGD	146.160	146.760 *	AE
GREENSBORO/LVLX	N4GGD	144.650	145.250 *	BE
GREENSBORO/UNCG	N4GGD	144.690	145.290 *	AE
GREENVILLE	WD4JPQ	144.750	145.350 *	ABEL
GREENVL/ESTN NC	W4GDF	147.690	147.090 *	
GRIFTON	W4NBR	146.085	146.685 *	
HENDERSONVILLE	WB4YAO	146.040	146.640 *	BLP
HENDERSONVILLE	WA4KNI	147.705	147.105 *	A
HENDSVL/BERWLW M	WA4KNI	144.670	145.270 *	A
HENDSVL/PENIC/MT	WA4KNI	147.855	147.255 *	A
HICKORY/BRT. MT	WA4MDW	146.250	146.850 N	
HIGH PEAK MTN	K4OLC	144.610	145.210 *	BL
HIGH POINT	N4XO	144.810	145.410 N	A
HIGH POINT	N4NNR	147.435	146.835 *	PL
HIGH POINT	KB4MFP	147.765	147.165 *	BP
HILLSBOROUGH	WA4WTX	147.825	147.225 N	AL
JACKSONVILLE	KA4SQN	144.590	145.190 *	B
JACKSONVILLE	WD4FVO	146.400	147.000 *	ABE
JEFFERSON	KK4X	147.900	147.300 *	AT103.5
KANNAPOLIS	N4JEX	147.900	147.300 *	PROPOSED
KINSTON	W4OIX	144.870	145.470 *	A
LAURINBURG	KI4RR	146.025	146.625 *	BEP
LELAND	N4CTJ	144.570	145.170 N	A
LENOIR	N4NIN	147.795	147.195 *	A
LENOIR/HIBRITN	KN4K	147.930	147.330 *	
LEXINGTON	K4IZM	146.310	146.910 *	BEP
LINCOLNTON	AD4LI	147.615	147.015 N	PROPOSED
LUMBER BRIDGE	W4PET	144.830	145.430 *	PROPOSED
#LUMBERTON	W4NHV	144.550	145.150 *	UNCOORD.
LUMBERTON	KD4PBK	147.765	147.165 *	P
LUMBERTON	W4PET	147.960	147.360 *	BP
MACO	WA4LED	147.660	147.060 *	BEP
MADISON	KA4YFF	146.295	146.895 N	
MADISON	KC4YRH	147.945	147.345 N	PROPOSED
MANTEO/WANCHESE	KC4VM	146.340	146.940 *	ALE
MARION	WD4PVE	146.385	146.985 N	A
MIDWAY	KM4AR	144.670	145.270 *	
MILLERS CREEK	N4GGN	146.115	146.715 *	A
MONROE/UCARS	N4ZVN	144.790	145.390 *	BEP
MORG WALKER TOP	N4OOC	147.825	147.225 N	ABL
MORGANTON	K4VLY	147.750	147.150 *	
MOUNT AIRY	KD4J	144.730	145.330 *	A
MOUNT AIRY	AC4NZ	146.340	146.940 N	T100.0
MOUNT AIRY	N4XRY	146.370	146.970 *	EP
MT MITCHELL	WA4BVW	144.590	145.190 *	B
MURPHY/STALCUP	WD8LYN	147.465	146.865 *	BT151.4
N. WILKESBORO	N4AGN	144.770	145.370 *	P
NAGS HEAD/BODIE	K4UOR	146.235	146.835 *	AE
NEW BERN	WD4JMS	146.010	146.610 *	AL
NEWPORT	K4GRW	144.850	145.450 N	A
NEWTON	AG4L	147.675	147.075 *	ABERT71.9
OXFORD	AC4UO	144.570	145.170 N	P
OXFORD	WA4MII	144.770	145.370 *	
PIKEVILLE	KK4YP	144.730	145.330 *	
#PITTSBORO	KD4JFN	147.975	147.375 *	UNCOORD.
RALEIGH	W4ATC	144.530	145.130 N	
RALEIGH	N4BQF	144.670	145.270 N	PL
RALEIGH	K4BWC	144.890	145.490 *	BY
RALEIGH	W4DW	146.040	146.640 *	ABE
RALEIGH	K4BWC	146.130	146.730 *	PB
#RALEIGH	WA4SIS	146.175	147.775 *	UNCOORD.
RALEIGH	WB4TQD	146.280	146.880 *	L
RALEIGH	KD4MYE	147.615	147.015 *	BEP
RALEIGH	WB4TQD	147.750	147.150 *	P
RALEIGH BENSON	AK4H	147.870	147.270 *	BEP
RANDLEMAN/GBO	WD4CVM	144.550	145.150 *	L
RED SPRINGS	W4MZP	147.900	147.300 *	BP
REIDSVILLE	WA4NNC	146.250	146.850 *	L
RESEARCH TRI PK	KD4IHW	144.630	145.230 *	PROPOSED
ROANOKE RAPIDS	AA4SJ	147.630	147.030 *	BP
ROARING GAP	WB4PZA	146.220	146.820 *	
ROCKINGHAM	WD4AVP	146.355	146.955 *	ABE
ROCKY MOUNT	WN4Z	147.720	147.120 *	PE
ROSEBORO	KM4OX	144.790	145.390 N	
SALISBURY	W4EXU	146.130	146.730 *	ELR
SANFORD	WB4EJJ	147.780	147.180 N	A
SAURATOWN MT	W4RXG	144.510	145.110 *	OY
SAURATOWN MT	W4NC	144.870	145.470 *	B
SAURATOWN MT	KK4AT	146.190	146.790 *	EPRT107.2
SAURATOWN MT	K4JYH	147.915	147.315 *	BPRT100.0
SHALLOTTE	K4PPD	144.770	145.370 *	PE
SHALLOTTE	K4PPD	147.915	147.315 *	BEP
SHALLOTTE	N4FAU	147.990	147.390 *	BEP
SHELBY	W4NYR	146.280	146.880 N	
SHELBY	W4NYR	147.945	147.345 N	P
SMITHFIELD	KD4JQ	146.370	146.970 *	A
SOUTHPORT	K4JYH	146.175	146.775 *	BP
SPARTA/GREEN MT	K4ITL	144.830	145.430 N	L
SPRING LAKE	WB4KDC	146.115	146.715 N	
STATESVILLE	WA1EHL	146.085	146.685 *	PE
STATSVL/ASBRY MT	WA1EHL	147.645	147.045 *	Y
SWANSBORO	KO4S	146.160	146.760 N	A
THOMASVILLE	K4AZA	146.400	147.000 *	LA
TRENTON	WB4TQD	144.610	145.210 *	L
TUCKASEGEE	KA4YGX	147.900	147.300 N	
WADESBORO	W4USH	146.235	146.835 *	A
WASHINGTON	WA4TEP	147.945	147.345 *	A
WAXHAW	WA4ZRS	147.465	146.865 *	BEP
WAYNESVILLE	N4SM	147.870	147.270 *	A
WHITEVILLE	W4NTQ	147.810	147.210 *	AEL
WILLIAMSTON	KA4KNU	144.810	145.410 *	ABL
WILMINGTON	AD4DN	146.070	146.670 *	
WILMINGTON	W4VNK	146.130	146.730 *	AB
WILMINGTON	K4GMP	146.220	146.820 *	BLT88.5
WILMINGTON	KM4GN	147.735	147.135 *	
WILMINGTON	N4CTJ	147.780	147.180 N	AL
WILSON	WB4THL	146.160	146.760 *	AB
WILSON	WA4UQC	147.900	147.300 *	ABELRT88.5
WINSTON-SALEM	W4NC	146.040	146.640 *	ABL
YADKINVILLE	N4YSB	146.415	147.015 *	BP
YOUNGSVILLE	KD4MYE	144.510	145.110 *	ABE

220 MHZ

ANDREWS/ROBBINSV	K4AIH	223.280	224.880 *	BLT
ASHEVILLE	WB4PLA	223.000	224.600 *	
ASHVL/MT PISGAH	WA4BVW	222.660	224.260 *	B
BALD CREEK	N1BEC	222.520	224.120 N	
CANTON	N4DWU	223.220	224.820 *	BP
CHARLOTTE	W4BFB	222.800	224.400 *	
CHERRYVILLE	KJ4JTX	223.360	224.960 *	P
EDEN	WA4WGY	223.180	224.780 *	ABELR
FAYETTEVILLE	W4EHF	222.960	224.560 N	L
GOLDSBORO	AA3CH	223.360	224.960 N	ELPT156.7
GREENSBORO	WB4WOR	222.540	224.140 *	K
GREENSBORO	WB4GUG	222.840	224.440 *	T107.2
GREENSBORO	AD4BX	223.220	224.820 *	AR
GREENSBORO	N4QVI	223.360	224.960 N	PROPOSED
GRIFTON	WA4DAN	223.240	224.840 *	BL
GRIMESLAND	WB4PAC	222.760	224.360 *	
HAW RIVER	KD4JFN	223.300	224.900 *	PROPOSED
HENDERSONVILLE	N4UQS	223.360	224.960 N	
HENDSVL/BERWLW M	WA4KNI	222.640	224.240 *	
HIGH POINT	KC4KUL	224.600	223.000 *	
HILLSBOROUGH	WA4WTX	222.660	224.260 N	L
JACKSONVILLE	KA4SQN	222.720	224.320 *	C
LENOIR/HIBRITN	KN4K	222.560	224.160 *	
LOCUST	WA4ZIA	222.880	224.480 *	PL
MARS HILL	WB4PLA	223.060	224.660 *	L
MARSHALL	KA4TYO	222.760	224.360 N	T
MORGANTON	WB4PML	223.200	224.800 N	
MT MITCHELL	WA4BVW	222.940	224.540 *	B

More South Carolina Repeaters . . .

OXFORD	AC4UO	223.140	224.740	N
RALEIGH	WA4PEN	223.040	224.640	N OLP
RALEIGH	W1IFL	223.320	224.920	N C
ROCKY MOUNT	NF4C	222.620	224.220 *	AR
ROCKY MOUNT	KR4AA	222.980	224.580 *	
SALISBURY	W4EXU	223.160	224.760 *	L
SAURATOWN MT	WA4RQF	222.980	224.580 *	
SAURATOWN MT	W4RXG	223.100	224.700 *	OY
SAURATOWN MT	W4RXG	223.280	224.880 *	O
SHELBY	W4NYR	222.460	224.060	N
SHELBY	KC4ZTJ	222.860	224.460 *	P
STATESVILLE	WA4PVI	222.700	224.300	N
SUNSET BEACH	AC4AM	223.060	224.660 *	A
THOMASVILLE	K4AZA	222.740	224.340 *	LA
TRENTON	WA4DAN	223.120	224.720 *	B
WENDELL	KD4WJD	223.200	224.800	N BP
WILMINGTON	KM4GN	222.600	224.200 *	RPT
WILMINGTON	K4YNY	222.900	224.500	N LR
WILMINGTON	WB4KPF	223.080	224.680	N
WINSTON-SALEM	WA4RQF	223.040	224.640 *	RP

440 MHZ

AHOSKIE	WB4YNF	449.200	444.200	N T
ANDREWS/ROBBINSV	K4AIH	448.650	443.650 *	BLT
APEX	WB4IUY	447.200	442.200 *	PROPOSED
APEX/RALEIGH	W4DW	449.950	444.950 *	OA
ARCHDALE	KC4SVQ	448.300	443.300	N AR
ASHEBORO	WD4ICX	447.325	442.325	N PROPOSED
ASHEBORO	KQ4ML	449.975	444.975 *	
ASHEVILLE	KD4GEU	447.650	442.650	N
ASHEVILLE	N4DWT	449.900	444.900 *	
AUBURN	N4ZCM	447.275	442.275 *	
BAKERSVILLE	KM4GR	447.750	442.750 *	O
BALD CREEK	N1BEC	449.875	444.875	N
BLROCK/LENOIR	N4EUX	448.525	443.525 *	B
BOONE	WB4WTC	448.825	443.825	N PROPOSED
BOSTIC	KC4YOQ	449.125	444.125 *	O
BREVARD	KA7JXU	447.850	442.850	N B
BURLINGTON	AC4DZ	448.025	443.025 *	AT107.2
CARY	KD4RAA	447.675	442.675 *	PROPOSED
CHAPEL HILL	KE4ZXZ	447.150	442.150	N PROPOSED
CHAPEL HILL	KE4ZXZ	448.475	443.475 *	BT131.8
CHARLOTTE	KD4OWV	448.950	443.950	N
CHARLOTTE	W4CQ	449.450	444.450 *	B
CHARLOTTE	W4BFB	449.600	444.600 *	
CHARLOTTE	KD4IL	449.675	444.675 *	
CHARLOTTE	W4CQ	449.850	444.850 *	B
COLUMBIA	KB4TOH	447.375	442.375 *	PROPOSED
CRAB CREEK TWP	KB4PQA	448.125	443.125 *	BLPR
CROWDERS MTN	KD4FRP	448.675	443.675	N
DALLAS/CHARLOTTE	WA1WXL	449.950	444.950 *	BLT136.5
DURHAM	WA4WTX	449.100	444.100	N AL
EDEN	WA4WGY	448.975	443.975 *	L
FAYETTEVILLE	WB4YZF	449.400	444.400 *	
FOREST CITY	KC4YOQ	449.400	444.400 *	B
G'BORO/H'POINT	WD4PQZ	448.500	443.500	N ABLRT77.0
GASTONIA/CROWDER	KC4ZTI	448.750	443.750 *	ABELR
GASTONIA/CROWDER	N0IZF	449.150	444.150 *	ABELR
GASTONIA/CROWDER	KC4YOT	449.750	444.750 *	ABELR
GASTONIA/SPCR MT	WB4VTE	449.550	444.550 *	P
GIBSONVILLE	AC4DZ	449.350	444.350 *	T107.2
GOLDSBORO	AA3CH	448.050	443.050	N ELT156.7
GRAINGERS	WD6GMQ	448.250	443.250 *	T
GRANTSBORO	KR4LO	449.350	444.350	N PROPOSED
GREENSBORO	WG4R	447.725	442.725 *	
#GREENSBORO	WB4WOR	449.300	444.300 *	UNCOORD.
GREENSBORO	KD4DNY	449.475	444.475 *	B107.2
GREENVILLE	AI4J	449.800	444.800 *	
#HAMLET	WA4ZIA	448.200	443.200 *	UNCOORD.
HAW RIVER	KD4JFN	448.775	443.775 *	ABERT107.2
HENDSVL/BERWLW M	WA4KNI	449.250	444.250 *	
HICKORY	K4JEQ	449.000	444.000	N
HIGH POINT	N4LXW	448.700	443.700	N
HIGH POINT	KB4JIF	448.900	443.900 *	B
HIGH POINT	KD4JFN	449.025	444.025 *	AT107.2
JACKSONVILLE	KA4SQN	449.675	444.675 *	C
JEFFRSN/PHNX MTN	KB4LAF	449.700	444.700	N PROPOSED
KANNAPOLIS	N4JEX	448.250	443.250 *	
KANNAPOLIS	N4JEX	448.350	443.350 *	PROPOSED
KING/SAURATOWN M	WA4RQF	449.775	444.775 *	T103.5
KINSTON	N4HAJ	449.575	444.575	N BTP88.5
LAKE GASTON	KF5TU	447.350	442.350 *	PT100.0
LEXINGTON	N4TZD	447.425	442.425	N PROPOSED
LEXINGTON	N4TZD	447.925	442.925	N T
LEXINGTON	WD4ICX	449.500	444.500	N
LINCOLN/ANDSN MT	WA4YGD	447.350	442.350 *	PROPOSED
LOCUST	WA4LBT	448.700	443.700 *	PL
LUMBERTON	WB4DVN	449.625	444.625	N B
MCLEANSVILLE	WB4GUG	449.125	444.125 *	T
MIDDLESEX	NE4J	449.650	444.650	N BL
MORG. WALKER TOPN	4OOC	447.300	442.300	N ABL
MORGANTON	KC4QZL	448.800	443.800 *	PROPOSED
MOUNT AIRY	N4XRY	449.925	444.925 *	
MT AIRY/FSH PK	KF4UY	449.825	444.825 *	ABLRT100.0
MT MITCHELL	N4DWU	448.600	443.600 *	B
MURPHY	N4USU	447.600	442.600	N T151.4
NEW BERN	WD4JMS	449.900	444.900 *	B
NEWTON	AG4L	449.075	444.075	N AEL
OXFORD	AC4UO	449.600	444.600	N
PIKEVILLE	KK4YP	448.000	443.000 *	C
PINEY KNOB	KC4KPW	448.875	443.875 *	T123.0
PITTSBORO	WB4MMY	447.550	442.550 *	PT
PITTSBORO	KD4JFN	449.750	444.750 *	ABERT107.2
POLKVILLE	KC4ZTJ	449.975	444.975 *	P
RALEIGH	N4LMR	447.450	442.450	N P
RALEIGH	WA4NNA	448.125	443.125 *	A
RALEIGH	N4ZCM	448.225	443.225 *	BPT
RALEIGH	W1IFL	448.375	443.375	N
RALEIGH	WA4PEN	449.525	444.525	N PL
RALEIGH	W4ATC	449.775	444.775	N
RALEIGH	KD4RAA	449.875	444.875 *	BEPRT162.2
RATTLESNAKE MTN	KC4IEV	448.300	443.300 *	T123.0
REIDSVILLE	K4YEC	449.800	444.800 *	
RESEARCH TRI PK	KD4IHW	449.675	444.675 *	PROPOSED
RICH SQUARE	KD4ITB	448.400	443.400 *	BEL
ROANOKE RAPIDS	KK4VM	449.550	444.550	N A
ROARING GAP	KC4XE	448.550	443.550 *	L
ROCKY MOUNT	N4JEH	449.700	444.700 *	BP
ROUGEMONT/RED MT	WA4WTX	448.275	443.275	N PROPOSED
SALISBURY	W4HG	448.150	443.150	N ABT
SALISBURY	K0SD	449.575	444.575	N A
SALISBURY	N4MME	449.650	444.650 *	AT
#SANFORD	W4RNR	447.375	442.375 *	UNCOORD.
SAURATOWN MT	N4GGC	448.100	443.100 *	L
SAURATOWN MT	WB4GUG	448.400	443.400 *	T107.2
SELMA	KK4YP	449.000	444.000 *	BP
SOPHIA/RANDLEMAN	KA4YMY	448.075	443.075 *	PROPOSED
#SOPHIA/RANDLEMA	KA4YMY	448.825	443.825 *	UNCOORD.
#SPARTA/GREEN MT	WB4TQD	447.100	442.100 *	UNCOORD.
STATESVILLE	N4VOZ	448.450	443.450	N A
SUNSET BEACH	AC4AM	447.625	442.625 *	
TAYLORSVL/BARR MK	4OLC	449.050	444.050 *	BC
THOMASVILLE	K4AZA	447.900	442.900 *	L
#WAKE FOREST	KD2LH	448.200	443.200 *	UNCOORD.
WAYNESVILLE	KE4JMH	449.450	444.450	N
WENDELL	KD4WJD	447.400	442.400 *	BPR
WEST JEFFERSON	WA4PXV	447.375	442.375 *	C
WHITAKER MTN	WA4QFV	449.325	444.325	N B
WILKESBORO	KE4DGP	447.475	442.475 *	ALT107.2
WILKESBORO	KE4DGP	449.525	444.525 *	AT107.2
WILLIAMSTON	KA4KNU	449.300	444.300 *	B
WILMINGTON	KM4GN	447.200	442.200 *	RPT
WILMINGTON	K4YNY	447.500	442.500	N ALR
WILMINGTON	AD4DN	448.400	443.400 *	C
#WILMINGTON	KM4GN	448.950	443.950 *	UNCOORD.
WILMINGTON	KM4GN	449.200	444.200 *	
#WILMINGTON	KM4GN	449.450	444.450 *	UNCOORD.
#WILMINGTON	KM4GN	449.650	444.650 *	UNCOORD.
WILMINGTON	K4GMP	449.850	444.850 *	B
WILSON	WB4IUY	447.300	442.300 *	PROPOSED
WILSON	NE4J	449.900	444.900	N BL
WINSTON-SALEM	W4NC	449.275	444.275 *	C
WINSTON-SALEM	N4QDK	449.725	444.725	N ABRT107.2
YADKINVILLE	N4AAD	447.800	442.800 *	AT100.0
YANCEYVILLE	N4VWK	449.225	444.225	N A
YOUNGSVILLE	KD4BFI	449.250	444.250	N

1270 MHZ

#CHARLOTTE	W4PPN	1277.250	1253.250	N UNCOORD.
GASTONIA/CROWDER	N0IZF	1272.820	1292.820	* ABELR
GREENSBORO	KB4SXY	1271.400	1291.400	* PROPOSED

ATV REPEATERS

CHARLOTTE	W4PPN	439.250	421.250	N V
#GREENSBORO	KO4AT	434.000	421.250 *	UNCOORD.
#SHELBY	W4NYR	439.250	427.250	N UNCOORD.
WENDELL	WB4IUY	277.250	427.250 *	PROPOSED

SOUTH CAROLINA REPEATERS

6 METERS

GILBERT	KC4GYM	52.270	53.270 *	BL
PICKENS	WB4YXY	52.410	53.410	N

2 METERS

AIKEN	KY4S	144.570	145.170	N A
AIKEN	N4ADM	147.885	147.285 *	P
ANDERSON	N4SZ	146.370	146.970 *	BP
ANDERSON/SAS MT	W4FVV	146.190	146.790 *	B
AWENDAW	K4ESG	147.900	147.300	N PT103.5
BAMBERG	WA4DFP	144.730	145.330 *	
BARNWELL	WA4FOF	147.630	147.030 *	B
BEAUFORT	KB4GY	144.710	145.310 *	
BEAUFORT	KB4RRC	146.055	146.655 *	AB
CANADYS	WB4FOH	144.790	145.390 *	PROPOSED
CHARLESTON	WA4USN	144.650	145.250 *	
CHARLESTON	WA4USN	146.190	146.790 *	
CHARLESTON	KC4UDD	146.235	146.835 *	ABL
CHARLESTON	KD4PBC	146.340	146.940	N BL
CHARLESTON	WB4LET	147.870	147.270	N PL
CHERAW	KA4ABW	147.735	147.135	N AE
CHESTER	AC4IP	146.025	146.625	N T
COLUMBIA	WB4NEP	146.115	146.715	N P
COLUMBIA	KC4GYM	146.175	146.775 *	BLPT156.7
COLUMBIA	KD4KAO	147.930	147.330 *	T
COLUMBIA	N4EOY	147.960	147.360	N L
DILLON/FEE DEE	NN4N	146.145	146.745 *	
ELLOREE	KC4WIF	146.010	146.610	N ABT118.8
FLORENCE	W4ULH	146.250	146.850	N A
FLORENCE	WA4ISM	146.370	146.970	N A
FLORENCE	W4PNZ	147.795	147.195	N B
FORT MILL	AA4SC	147.780	147.180	N
GAFFNEY	KN4RG	144.870	145.470 *	B
GEORGETOWN	WD4JMT	147.975	147.375 *	
GILBERT	KC4GYM	144.830	145.430 *	BLPT156.7
GREENVILLE	W4IQQ	146.340	146.940 *	T7
GREENVILLE	K4LEO	147.975	147.375	N T
GREENWOOD	K4VIA	147.765	147.165 *	BP107.2
GREENWOOD/HODGES	KB4CS	144.530	145.130	N
GRNVLE/CSRS HD	W4NYK	146.010	146.610 *	
GRNVLE/PARIS MT	W4NYK	146.220	146.820 *	P
HILTON HEAD	W4ILN	147.840	147.240 *	
INMAN	WD8OXE	144.550	145.150 *	P
LANCASTER	W4PAX	146.100	146.700 *	P
LANCASTER	AC4VT	147.840	147.240	N T192.8
LAURENS	KB4YF	146.265	146.865	N T107.2
LEESVILLE	N4HL	147.855	147.255 *	AT
LEXINGTON	KE4VD	144.610	145.210	N PR
LEXINGTON	KA4FEC	147.990	147.390 *	B
LITTLE MT.	K4AVU	147.810	147.210	N
LUCKNOW/BISHOPVL	KA4ABW	146.325	146.925 *	PROPOSED
MARION	W4YLT	146.400	147.000	N E
MONCKS CORNER	WD4NUN	147.750	147.150 *	PROPOSED
MT PLEASANT	K4ESG	146.160	146.760	N BPT
MYB BCH/BRKSVIL	AC4AM	147.885	147.285 *	AL
MYR BCH/CONWAY	WD4JMT	144.510	145.110 *	BE
MYRTLE BEACH	WD4JMT	147.720	147.120 *	BER
N. AUGUSTA	K4FKJ	146.130	146.730 *	
N. MYRTLE BEACH	K4HOG	147.630	147.030 *	B
N. SANTAN BURG	N4UZT	147.915	147.315 *	ABET141.3
NEWBERRY	KB4CO	146.085	146.685 *	
ORANGEBURG	WM3O	146.205	146.805	N
ORANGEBURG	WB4FOH	146.280	146.880 *	ABLT118.8
ORANGEBURG	KM4RP	147.690	147.090	N
PAGELAND/HIPOINT	KA4ABW	146.295	146.895 *	ABLR
PICKENS	WB4YXZ	146.400	147.000 *	
RKY RDG/WALLACE	KA4ABW	144.890	145.490 *	A
ROCK HILL	AA4PF	144.710	145.310	N PL
ROCK HILL	K4YTZ	146.430	147.030	N P
SANTEE	W4DTW	147.825	147.225	N AB
SENECA/LONG MT	WA4JRJ	147.870	147.270 *	BEP
SIMPSONVILLE	WD4BJY	146.130	146.730 *	
SIMPSONVILLE	WA4SDT	147.750	147.150	N Y
SPARTANBURG	K4JLA	147.690	147.090 *	A
ST. MATTHEWS	AD4U	146.070	146.670 *	ABLRT131.8
SUMMERTON	N4LWY	144.550	145.150	N P
SUMMERVILLE	WA4HNK	147.780	147.180 *	
SUMTER	WB4KIV	144.530	145.130	N
SUMTER	KB4CIH	146.040	146.640 *	
SUMTER	KQ7E	147.615	147.015 *	BPT156.7
SUMTER/SHAW	W4VFR	147.660	147.060	N A
UNION	KD4YFB	144.650	145.250 *	BEP
WEST COLUMBIA	KC4GYM	144.670	145.270 *	BLPT156.7
WHITE HALL	W4BWZ	146.310	146.910 *	B
WHITE OAK MTN	WD4MGM	147.885	147.285	N

220 MHZ

CHARLESTON	KA4NRL	222.580	224.180	N BP
COLUMBIA	KD4KAO	222.960	224.560 *	T
COLUMBIA	KC4SWI	223.040	224.640	N BP
COLUMBIA	N4EOY	223.300	224.900	N LR
CROSS	KB4VFD	222.980	224.580 *	O
FLORENCE	N4JJ	223.340	224.940	N BP
GREENVILLE	W4ILY	222.600	224.200 *	A
GRNVL/DOWNTOWN	W4NYK	223.320	224.920 *	88.5
LITTLE MTN	K4RWN	222.920	224.520	N PB
ORANGEBURG	KO4BR	223.180	224.780	N OBP
PICKENS	WB4QHF	222.800	224.400 *	BP
PICKENS/CSRS HD	WB4QHF	222.540	224.140 *	LR
PICKENS/SASFR MT	KJ4X	222.720	224.320 *	B
#SUMTER	KB4CIH	222.520	224.120 *	UNCOORD.
SUMTER	K4GYR	223.260	224.860 *	
SUMTER/SHAW	W4VFR	223.060	224.660	N
#WEST COLUMBIA	KC4GYM	222.960	224.560 *	UNCOORD.
WEST SPRINGS	KN4CW	222.840	224.440	N BP

440 MHZ

CHARLESTON	N4MNH	449.300	444.300 *	AB
CHARLESTON	KD4PBC	449.950	444.950	N BL103.5
COLUMBIA	KC4GYM	447.075	442.075 *	BT167.9
COLUMBIA	N4EOY	448.000	443.000	N LR
COWPENS	KE4EAN	448.625	443.625 *	ABT136.5
EASLEY/SAS MTN	AC4RZ	449.925	444.925	N BPT103.5
FLORENCE	N4JJ	449.000	444.000	N B
FORT MILL	WB4TWX	448.475	443.475 *	AB
GAFFNEY	KN4RG	449.800	444.800 *	C
GREENVILLE	KB4PQA	447.250	442.250 *	BRP
GRNVLE/PARIS MT	ND4N	448.350	443.350 *	P
LANCASTER	N4MZL	449.100	444.100 *	OA
LAURENS	KB4YF	448.775	443.775	N BT
LEXINGTON	KE4GUA	449.350	444.350 *	BEPT127.3
LIBERTY	KB4WCR	449.525	444.525	N BT
MYB BCH/BRKSVIL	AC4AM	449.525	444.525 *	
MYR BCH/CONWAY	WD4JMT	449.675	444.675 *	BE
NORTH CHARLESTON	KC4UDD	449.600	444.600 *	AB
ORANGEBURG	WM3O	449.975	444.975	N AB
PICKENS/CSRS HD	WB4QHF	447.400	442.400 *	T131.8

More South Carolina Repeaters . . .

SUMMERVILLE	KC4OOZ	447.300	442.300 *	BR
SUMMERVILLE	WA4HNK	448.800	443.800 *	
SUMTER	KQ7E	449.150	444.150 *	BEPRT123.0
SUMTER	K4GYR	449.500	444.500 *	P
WEST COLUMBIA	KC4GYM	449.200	444.200 *	BLPT156.7

ATV REPEATERS

GOOSE CREEK	N4CNN	434.000	421.250 N	PROPOSED
LEXINGTON	N4GUP	439.250	421.250 *	V
SUMTER	WA4UMU	439.250	423.250 N	V

TENNESSEE REPEATERS

10 METERS

GREENEVILLE	WB4NKM	29.540	29.640 *	
JACKSON	NQ4W	29.540	29.640 N	C
MEMPHIS	W4ZJM	29.520	29.620 N	BLT*#
UNION CITY	WA4YGM	29.560	29.660 N	O

6 METERS

CHATTANOOGA	WB4LRD	52.010	53.010 N	
COOKEVILLE	WA4UCE	52.190	53.190 N	O
GALLATIN	WD4KWP	52.450	53.450 N	L
GREENEVILLE	WB4NKM	52.010	53.010 *	
GUTHRIE (TN/KY)	KA4ZKL	52.230	53.230 N	
KNOXVILLE	WA4YON	52.250	53.250 N	
KNOXVILLE	KD4JGT	52.550	53.550 *	PROPOSED
KNXVL/ENG MT	WB4IOB	52.150	53.150 *	A
MCNAIRY	NU5O	52.350	53.350 *	ELT107.2
MEMPHIS	WA4KOG	52.010	53.010 N	
MEMPHIS	K4RDK	52.550	53.550 N	
MORRISTOWN	KD4LP	52.230	53.230 N	
NASHVILLE	WA4BGK	52.010	53.010 *	T114.8
NASHVILLE	N4ARK	52.525	145.210 N	BR
OAK RIDGE	WD4GYN	52.110	53.110 N	
ROAN MTN	KD4PVU	52.310	53.310 *	B

2 METERS

ALAMO	WB4EDS	147.735	147.135 N	
ALCOA	N4RYR	146.055	146.655 *	ABE
ANDERSON CTY	KB4QGK	146.100	146.700 N	AB
ARNOLD A.F.B.	KC4FV	147.795	147.195 N	PROPOSED
ATHENS	WA4PNI	144.710	145.310 *	T141.3
BENTON	K4SIR	144.850	145.450 N	T
BLOUNTVILLE	WA4CBX	147.600	147.000 N	B
BRISTOL	WB4DKI	146.070	146.670 *	BP
BRISTOL	WD4CYZ	146.280	146.880 N	
BRISTOL/HLSTN MT	K4LSP	146.160	146.760 N	A
BROWNSVILLE	KB4YTU	144.830	145.430 N	PL
BROWNSVILLE	KD4AOK	146.055	146.655 *	AB
BRUCETON	NU5O	144.570	145.170 *	BLT107.2
CARTHAGE	N4OTT	144.590	145.190 *	
CHARLESTON	KD4LDU	146.460	147.060 N	BEPT141.3
CHATT/SIGNAL MT	W4AM	146.055	146.655 N	O
CHATTANOOGA	K4CMY	144.530	145.130 N	
CHATTANOOGA	K4VCM	144.690	145.290 N	
CHATTANOOGA	W4AM	144.790	145.390 N	A
CHATTANOOGA	K4CMY	146.010	146.610 N	
CHATTANOOGA	W4AM	146.190	146.790 N	A
CLARKSVILLE	WD4SGA	147.600	147.000 N	
#CLARKSVILLE	AA4TA	147.990	147.390 N	UNCOORD.
CLEVELAND	W4GZX	146.325	146.925 *	PROPOSED
CLEVELAND	KD4NEB	147.705	147.105 N	ABLR
CLEVELAND	WD4DES	147.780	147.180 N	A
COLLEGEDALE	KE4QS	147.600	147.000 *	BP
COLLIERVILLE	NU5O	144.530	145.130 *	BLT107.2
COLLIERVILLE	N4DRL	146.430	147.030 N	
COLLIERVILLE	N4DRL	147.630	147.030 N	
COLUMBIA	WA4ZYX	147.720	147.120 *	AB
COOKEVILLE	NQ4Y	144.510	145.110 N	ABL
COOKEVILLE	WA4UCE	144.830	145.430 N	AB
COOKEVILLE	N4WS	147.810	147.210 *	AER
COVINGTON	WA4KOG	144.850	145.450 N	PR
COVINGTON	WA4VXW	147.930	147.330 N	PLK
CROSSVILLE	AC4AA	146.265	146.865 *	B
CUMBERLAND CITY	WD4DBJ	144.730	145.330 *	
#DANDRIDGE	KD4DUS	146.295	146.895 *	UNCOORD.
DAYTON	K4PHT	144.650	145.250 N	B
DAYTON/RHEA CTY	WA4UEU	147.990	147.390 *	B
DECATUR-PONE KB	W4RJC	144.550	145.150 N	
DICKSON	KN4HL	147.975	147.375 *	BEP
DOVER	N4VIH	144.810	145.410 *	
DYERSBURG	WB4RCK	146.145	146.745 N	
ERWIN/PINNACLE	N4WXS	144.650	145.250 *	ABERPR
ERWIN/UNICOI CO	AC4QF	147.765	147.165 N	BP
FAYETTEVILLE	KE4AHW	147.630	147.030 *	BP
FRANKLIN	W4XS	144.550	145.150 *	
FRUITLAND	NU5O	146.175	146.775 *	BLT107.2
GALLATIN	N4SSB	144.530	145.130 *	T107.2
GALLATIN	WD4BKY	147.840	147.240 *	BLT114.8
GALLATIN	WA4YQC	147.870	147.270 *	BLPT114.8
GERMANTOWN	KA4ATI	147.690	147.090 N	
GOODLETTSVILLE	KC4PRD	146.385	146.985 N	PROPOSED
GRAY	WD4SBX	144.510	145.110 N	T103.5
GREENBRIER	WQ4E	147.675	147.075 N	BT107.2
GREENEVILLE	W4CUJ	144.790	145.390 *	B
GREENEVILLE	WB4NKM	144.810	145.410 *	
GRNVLE/VIKING MT	KB4UG	147.660	147.060 N	R
GTLBG/COVE MTN	WA4KJH	146.250	146.850 *	LE
GUTHRIE (TN/KY)	KA4NNE	146.205	146.805 N	
HENDERSON	K4TC	147.705	147.105 N	PE
HENDERSONVILLE	WB4WZK	144.670	145.270 *	PT
HENDERSONVILLE	K4UVH	147.945	147.345 N	
HOBBS HILL	NQ4Y	144.810	145.410 N	PROPOSED
HUMBOLDT	NQ4Y	144.750	145.350 N	AL
HUNTINGDON	KD4KPV	146.235	146.835 N	BE
JACKSON	WB7BOX	144.510	145.110 N	AL
#JACKSON	KE4CES	144.630	145.230 *	UNCOORD.
JACKSON	KF4SC	144.710	145.310 *	A
JACKSON	W4WKZ	147.810	147.210 *	A
JACKSON	WB0TMC	147.870	147.270 *	
JAMESTOWN	K4NLP	147.690	147.090 *	T100.0
JASPER	KD4XX	144.590	145.190 *	AT127.3
JOHNSON CITY	W4ABR	146.190	146.790 *	BP
JOHNSON CITY	KE4FH	147.870	147.270 *	A
JOHNSON CITY/HOL	WB4SQC	144.690	145.290 *	BP
JONESBOROUGH	WD4OBW	146.325	146.925 *	L
KNGSPT/BAYS MT	W4TRC	146.370	146.970 *	BP
KNOXVILLE	KC4NNN	144.510	145.110 *	
KNOXVILLE	WB4GBI	144.570	145.170 *	
KNOXVILLE	W4BBB	144.610	145.210 *	A
KNOXVILLE	WA4TEM	144.730	145.330 *	ABER
KNOXVILLE	KB4KIE	144.770	145.370 *	B
KNOXVILLE	WB4YLC	144.830	145.430 *	PROPOSED
KNOXVILLE	WB4GBI	144.870	145.470 *	
KNOXVILLE	WB4GBI	146.025	146.625 *	
KNOXVILLE	WB4GBI	146.340	146.940 *	
KNOXVILLE	KD4CWB	146.400	147.000 N	BT100.0
KNOXVILLE	WB4GBI	147.675	147.075 *	A
KNOXVILLE	KA4AZQ	147.795	147.195 N	BT100.0
KNOXVILLE	W4BBB	147.900	147.300 *	
KNXVL/ENG MT	WB4IOB	146.130	146.730 *	
LAFAYETTE	KC4ECD	144.710	145.310 *	ET151.4
LAFOLLETTE	KA4OAK	144.530	145.130 N	A
LAFOLLETTE	KA4OAK	147.960	147.360 N	
LAFOLLETTE/WMT	K4BGW	146.070	146.670 *	
LAKE CITY	WB4OAH	146.220	146.820 N	A
LAVERNE	KJ4RA	144.630	145.230 N	
LAWRENCEBURG	KM4ME	146.055	146.655 *	
LEBANON	WB4DOR	144.790	145.390 N	
LEBANON	WD4JVV	147.615	147.015 N	
LEBANON	N4IDG	147.705	147.105 *	ELPT100.0
LEXINGTON	WD4MVR	146.430	147.030 N	
MANCHESTER	W4UOT	146.100	146.700 *	AL
MARTIN	N4ABU	146.025	146.625 N	A
MAYNARDVILLE	KB4KIE	144.630	145.230 *	B
MCMINNVILLE	WD4MWQ	146.370	146.970 *	P
MCMINVL/SHT MT	WB4LHO	144.890	145.490 N	
MCNAIRY	NU5O	147.675	147.075 *	BLT107.2
MEDINA	WA4RWK	146.370	146.970 N	AB
MEMPHIS	K0JXI	144.550	145.150 N	
MEMPHIS	KA0BRN	144.570	145.170 N	ALT
MEMPHIS	W2GLJ	144.610	145.210 N	AB
MEMPHIS	WA4KOG	144.890	145.490 N	
#MEMPHIS	WB4KQQ	146.040	146.640 N	UNCOORD.
MEMPHIS	N4DON	146.130	146.730 *	T107.2
MEMPHIS	WA4HBY	146.190	147.510 N	NBT
MEMPHIS	W4BS	146.220	146.820 N	P
MEMPHIS	WA4KOG	146.250	146.850 N	A
MEMPHIS	WA4ETE	146.280	146.880 *	AL
MEMPHIS	N4BSM	146.340	146.940 *	BLP
MEMPHIS	W4ZJM	146.400	147.000 N	BLT*#
MEMPHIS	WA4MQQ	147.660	147.060 N	
MEMPHIS	N4WAH	147.720	147.120 *	BPT107.2
MEMPHIS	WA4KOG	147.780	147.180 N	
MEMPHIS	WA4ADT	147.900	147.300 N	PL
MEMPHIS	W4BS	147.960	147.360 N	
MORGAN COUNTY	WD4ORB	147.930	147.330 *	
MORRISTOWN	KD4LP	144.850	145.450 N	B
MORRISTOWN	KD4LP	147.630	147.030 N	E
MORRISTOWN	WB4OAH	147.825	147.225 N	A
MOUNTAIN CITY	WD4OMO	144.870	145.470 N	
#MT PLEASANT	KE4KO	144.850	145.450 *	UNCOORD.
MURFREESBORO	WB4LHO	144.570	145.170 N	
#MURFREESBORO	N4ARK	147.915	147.315 N	UNCOORD.
NASHVILLE	N4ARK	144.610	52.525 N	BLR
NASHVILLE	N4ARK	144.610	145.210 N	BLR
NASHVILLE	N4ARK	144.870	145.470 N	BP
NASHVILLE	WA4PCD	146.010	146.610 *	P
NASHVILLE	W4PQP	146.160	146.760 *	
NASHVILLE	W4SQE	146.190	146.790 *	
NASHVILLE	W4AY	146.250	146.850 *	PT114.8
NASHVILLE	WA4PCD	146.280	146.880 *	PT114.8
#NASHVILLE	KJ4ZQ	147.615	147.015 N	UNCOORD.
NASHVILLE	K4AYN	147.645	147.045 N	
NASHVILLE	WA4PCD	147.750	147.150 N	
NASHVILLE	K4ZGA	147.780	147.180 *	ABT114.8
NASHVILLE	WA4BZU	147.855	147.255 N	TP
NASHVILLE	WB4ZSA	147.900	147.300 N	P
NASHVILLE	WB4NTM	147.960	147.360 N	ATL
NASHVILLE RATS	WA4PCD	146.340	146.940 *	
NASHVILLE W	WB4NTM	146.040	146.640 N	AT
NASHVILLE W	WB4NTM	146.070	146.670 N	ATL
NASHVLE/FAIRVIEW	N4ARK	144.510	145.110 N	B
NOLENSVILLE	WD4JYD	144.750	145.350 N	BEP
OAK RIDGE	W4SKH	146.280	146.880 *	
OAK RIDGE	W4SKH	146.370	146.970 *	A
OAK RIDGE	K4EAJ	147.720	147.120 *	
OAK RIDGE	K4EAJ	147.750	147.150 *	LT
OAKFIELD	KJ5CO	144.870	145.470 N	
OAKFIELD	WA4BJY	147.990	147.390 N	PRT
OLIVER SPRINGS	AA4UP	146.145	146.745 N	
PARIS	K4KLX	147.960	147.360 N	A
PETROS/FRZ HD MT	KJ4SI	147.855	147.255 *	BERPT94.8
PIGEON FORGE	KD4CLA	144.670	145.270 N	PROPOSED
PIKEVILLE	K4PUX	147.885	147.285 *	
PULASKI/MUSIC MT	WA4AUX	146.175	146.775 *	E
PURYEAR	WA4CEX	147.765	147.165 N	
RAMER	WB4MMI	146.100	146.700 N	BT94.8
RIDGETOP	WD4FFM	144.690	145.290 N	
ROCKWOOD/MT ROOS	KA4QYI	146.040	146.640 *	T100.0
ROCKWOOD/MT ROOS	AA4KS	147.615	147.015 *	ABER
ROGERSVILLE	KD4HZN	147.915	147.315 *	E
SALTILLO	KB4JUB	146.115	146.715 *	
SAVANNAH	WB4DQU	146.310	146.910 N	
#SHELBYVILLE	KC4KRM	144.530	145.130 N	UNCOORD.
SHELBYVILLE	N4VFB	147.660	147.060 N	A
SHORT MTN	WA4YXA	146.310	146.910 N	
SMITHVILLE	KB4ZOE	144.770	145.370 N	ALT
SPOT	NU5O	144.830	145.430 *	107.2
SPOT	NU5O	147.885	147.285 *	PROPOSED
TRENTON	KN4KP	146.265	146.865 N	AE
UNION CITY	WA4YGM	146.100	146.700 N	A
UNION CITY	WA4YGM	147.615	147.015 N	OAR
WALLAND	KB4PIO	146.085	146.685 N	BP
WATERTOWN	KD4EHL	146.130	146.730 *	T100.0
WATERTOWN	N4IDG	146.235	146.835 *	LPT100.0
WINCHESTER	AB4SW	146.220	146.820 *	A

220 MHZ

BLOUNTVILLE	WA4KMG	222.600	224.200 N	B
BROWNSVILLE	KB4YTU	222.600	224.200 N	PL
CHATT/SIGNAL MT	WA4ZOK	223.300	224.900 N	
CHATTANOOGA	K4VCM	223.180	224.780 N	
CLARKSVILLE	KF4GP	222.340	223.940 N	
CLEVELAND	KK4US	222.720	224.320 N	AB
COLLIERVILLE	KB4YGI	222.800	224.400 N	PL
COLUMBIA	KE4KO	223.120	224.720 N	
CROCKETT RIDGE	KC4ZYI	222.880	224.480 *	PROPOSED
DAYTON	K4PHT	223.240	224.840 N	PROPOSED
FISHERVILLE	N4DRL	223.280	224.880 N	AL
FRANKLIN	WD4SGS	222.540	224.140 N	
GALLATIN	WB4ZSA	222.380	223.980 N	
GALLITAN	KD4GON	223.100	224.700 N	PROPOSED
GRAY/HOLSTON MTN	WD4SBX	223.300	224.900 N	T103.5
GREENBRIAR	WQ4E	223.200	224.800 N	AB
GREENBRIER	WQ4E	223.160	224.760 N	
GREENEVILLE	WB4NKM	223.340	224.940 *	ABR
HERMITAGE	WB4RAB	222.300	223.900 N	
JC/BUFFALO MT	WA4UCI	223.180	224.780 *	
JONESBOROUGH	WD4OBW	222.920	224.520 *	ALB
KNOXVILLE	N4OQJ	222.780	224.380 *	T100.0
KNOXVILLE	WA4YON	222.860	224.460 N	
KNOXVILLE	W4BBB	222.900	224.500 *	
KNOXVILLE	N4KFI	222.980	224.580 N	B
KNXVL/CROSS MT	KB4FZK	222.620	224.220 *	BT100.0
LAFOLLETTE	KA4OAK	222.680	224.280 N	
LAVERGNE	KJ4RA	223.360	224.960 N	
MEMPHIS	W4ZJM	222.340	223.940 N	BLT*#
MEMPHIS	W4BS	222.820	224.420 N	L
MEMPHIS	WA4KOG	223.180	224.780 N	
MOORESBURG/SNEED	KD4IBW	223.160	224.760 *	PROPOSED
MORRISTOWN	N4RBB	222.800	224.400 N	AB
MORRISTOWN	KC4RGQ	223.040	224.640 N	ABL
NASHVILLE	WB4NTM	222.480	224.080 N	
NASHVILLE	WR3S	222.560	224.160 N	ABRL
NASHVILLE	KB4ZOE	222.760	224.360 *	AR
NASHVILLE	K4ZGA	222.880	224.480 *	A
NASHVILLE	WR3S	223.060	224.660 N	ALR
NASHVILLE	N4PYI	223.140	224.740 *	ALRT100.0
NASHVILLE	KC4PRD	223.240	224.840 N	PROPOSED
NASHVILLE	WA4PCD	223.340	224.940 *	T
OAKFIELD	KJ5CO	223.080	224.680 N	
SEVIERVILLE	N2FUV	222.840	224.440 N	PT
SEVIERVILLE	KD4IBW	223.100	224.700 *	BL
SEVIERVILLE	KD4IBW	223.200	224.800 *	BLR
SHORT MTN.	KE4NP	222.660	224.260 *	LRT114.8
SPRINGFIELD	KO4BN	222.620	224.220 N	ABER

440 MHZ

ALAMO	WB4EDS	448.750	443.750 N	L
ARNOLD A.F.B.	KC4FV	448.950	443.950 N	PROPOSED
ATOKA	KC4SBK	447.700	442.700 N	
BARTLETT	WA4DOR	448.700	443.700 N	T107.2
BARTLETT	WA4PAJ	449.250	444.250 N	
BETHPAGE	KC4YCR	447.200	442.200 N	
BLUFF CITY	WB4RAV	449.725	444.725 N	BCO
BRISTOL/HLST MT	K4LSP	449.500	444.500 N	A
BROWNSVILLE	KB4YTU	449.200	444.200 N	PL
BROWNSVILLE	KB4YTU	449.450	444.450 N	CPL
CARTHAGE	N4OTT	448.725	443.725 *	
CHATT/MONTLAKE M	KD4UWA	449.875	444.875 *	BPT136.5
CHATTANOOGA	WJ9J	447.150	442.150 *	ABELR
CHATTANOOGA	N4JSR	447.325	442.325 N	
CHATTANOOGA	W4AM	449.100	444.100 N	A
CLARKSVILLE	WA4BZU	449.325	444.325 *	CT107.2
CLARKSVILLE	KF4GP	449.950	444.950 N	ABT167.9
CLEVELAND	WD4DES	447.250	442.250 N	

More Tennessee Repeaters . . .

CLEVELAND	.KD4NEB	447.450	442.450 N	AB
CLEVELAND	.W4GZX	449.275	444.275 *	CAB
COLLEGEDALE	.KA6UHV	448.575	443.575 *	BP
COLUMBIA	.WA4BGK	449.925	444.925 *	T107.2
COOKEVILLE	.N4UBR	447.300	442.300 N	B
COOKEVILLE	.NO4Y	449.550	444.550 N	AL
CORDOVA	.KA4JXT	449.125	444.125 N	PROPOSED
CUMBERLAND CITY	WD4DBJ	448.400	443.400 *	PT
DAYTON	.KN4VY	447.075	442.075 N	BELP
DEASON	.WA4AWI	448.350	443.350 *	PROPOSED
DOVER	.N4VIH	449.925	444.925 *	
ETHRIDGE	.AB4UP	449.075	444.075 *	ARBLT107.2
FRANKLIN	.N4ULM	448.850	443.850 N	
FRANKLIN	.WA4AKM	449.725	444.725 *	OLT107.2
GALLATIN	.N4SSB	447.600	442.600 *	BLT107.2
GALLATIN	.WD4BKY	449.000	444.000 *	BLT107.2
GALLATIN	.WD4BKY	449.350	444.350 *	LPT114.8
GALLATIN	.WD4KWP	449.450	444.450 N	
GALLATIN	.WA4AKM	449.775	444.775 *	LT107.2
GATLBG/COVE MT	WA4KJH	448.300	443.300 *	L
GERMANTOWN	.W2GLJ	449.350	444.350 N	B
GRAY/HOLSTON MT	WD4SBX	447.200	442.200 N	T103.5
GREENBRIER	.WO4E	449.250	444.250 N	
GREENEVILLE	.WB4NKM	449.650	444.650 *	T100.0
GRNVLE/VIKING MT	KB4UG	448.200	443.200 N	PR
HARRIMAN	.KC4WHL	447.875	442.875 *	A
HENDERSON	.K4TC	449.750	444.750 N	P
HERMITAGE	.WA4AXH	448.700	443.700 *	PROPOSED
JACKSON	.WB4EPG	447.800	442.800 N	A
JACKSON	.WB7BOX	449.875	444.875 N	PERLT
JAMESTOWN	.KC4MJN	448.625	443.625 *	T100.0
JASPER	.KD4XV	447.050	442.050 *	O
JOHNSON CITY	.KE4FH	449.100	444.100 *	BPT
JOHNSON CITY/HOL	WB4SQC	447.050	442.050 *	PROPOSED
KNOXVILL/ENG MTN	WB4HAP	449.600	444.600 *	
KNOXVILLE	.WA4NTZ	447.500	442.500 N	
KNOXVILLE	.KA4AZQ	448.075	443.075 N	BT100.0
KNOXVILLE	.KC4NNN	449.175	444.175 *	A
KNOXVILLE	.WB4GBI	449.300	444.300 *	
KNOXVILLE	.KC4NNN	449.425	444.425 *	B
KNOXVILLE	.KB4KSL	449.500	444.500 *	AO
LAFAYETTE	.KC4ECD	449.125	444.125 *	RT107.2
LAFOLLETTE	.KB4OTK	448.700	443.700 *	B
LEBANON	.WA4AWI	448.275	443.275 *	PROPOSED
LEBANON	.N4IDG	448.575	443.575 *	T100.0
#LEBANON	.WA4AXH	449.275	444.275 *	UNCOORD.
MARYVILLE	.KC4PDQ	449.075	444.075 *	ABER
MCMINNVILLE	.WD4MWQ	449.850	444.850 *	PT
MCNAIRY	.NU5O	449.550	444.550 *	T
MEDINA	.WA4BJY	447.050	442.050 N	AL
MEMPHIS	.WB4EPG	447.625	442.625 N	
MEMPHIS	.WF4G	447.825	442.825 N	
MEMPHIS	.W4ZJM	448.000	443.000 N	BT*#
MEMPHIS	.KA4JXT	448.100	443.100 *	T107.2
MEMPHIS	.W4BS	448.200	443.200 N	
MEMPHIS	.WA4QWW	448.400	443.400 N	A
MEMPHIS	.WA4KOG	448.800	443.000 N	NB
MEMPHIS	.KD4JGK	448.950	443.950 *	ABRT
MEMPHIS	.KA0BRN	448.975	443.975 N	ALT
MEMPHIS	.WA4ETE	449.000	444.000 *	T107.2
MEMPHIS	.K4RDK	449.025	444.025 N	
MEMPHIS	.KM4QA	449.075	444.075 *	T167.9
MEMPHIS	.KA4JXT	449.100	444.100 *	RPT
MEMPHIS	.W2GLJ	449.175	444.175 N	B
MEMPHIS	.WA4KOG	449.400	444.400 N	
MEMPHIS	.N4WAH	449.500	444.500 *	BPT
MEMPHIS	.K0JXI	449.600	444.600 N	
MEMPHIS	.K0JXI	449.800	444.800 N	
MEMPHIS	.WB4NNE	449.950	444.950 N	O
MEMPHIS/ADAMS MK	.K5FC	449.825	444.825 N	
MILAN	.WD4PAX	447.100	442.100 N	
MORRISTOWN	.KA4NEX	449.200	444.200 N	
MORRISTOWN	.KD4LP	449.975	444.975 N	T
#NASHVILLE	.WB4PUB	448.050	443.050 N	UNCOORD.
NASHVILLE	.N4PYI	449.050	444.050 *	T
NASHVILLE	.WB4NTM	449.150	444.150 N	ATL
NASHVILLE	.N4ARK	449.200	444.200 N	
NASHVILLE	.N4ARK	449.225	444.225 N	BLPT107.2
NASHVILLE	.WA4BZU	449.300	444.300 *	CT107.2
NASHVILLE	.WA4BGK	449.525	444.525 *	T107.2
NASHVILLE	.WA4WCK	449.575	444.575 *	T
NASHVILLE	.N4TK	449.625	444.625 *	PT107.2
NASHVILLE	.WA4PCD	449.675	444.675 *	
NASHVILLE	.WA4AKM	449.875	444.875 *	T107.2
NASHVILLE	.WA4AKM	449.975	444.975 *	LRPT107.2
NEW DEAL	.N4SSB	447.900	442.900 *	BT107.2
OAK RIDGE	.K4EAJ	449.400	444.400 *	L
OAKFIELD	.WA4BJY	447.200	442.200 N	PTL
OAKFIELD	.KJ5CO	449.725	444.725 N	
PALMER	.KD4JZI	447.650	442.650 N	PROPOSED
PARIS/GROVE HL	WA4WKS	448.500	443.500 N	
PIGEON FORGE	.KD4CLA	449.350	444.350 *	RT
PINSON	.KD4GCT	447.900	442.900 N	B
PULASKI	.KB4TPI	447.150	442.150 N	
RAMER	.WB4MMI	449.900	444.900 N	BT
ROCKWOOD	.KA4WJS	448.975	443.975 N	
ROCKWOOD/OZONE	WJ9J	447.225	442.225 *	PROPOSED
ROGERSVILLE	.KD4GXE	448.350	443.350 N	T
SEVIERVILLE	.KD4CWB	448.500	443.500 N	ABT
SEVIERVILLE	.KD4IBW	448.675	443.675 *	BLR
SEVIERVILLE	.KD4CWB	449.000	444.000 N	
SEVIERVILLE	.KD4IBW	449.525	444.525 *	B
SEYMOUR	.KA4AZQ	448.800	443.800 N	
SHELBYVILLE	.KC4KRM	448.825	443.825 *	
SHORT MTN	.N4OYS	449.650	444.650 *	OT107.2
SMITHVILLE	.N4PYI	449.825	444.825 *	T107.2
SMRYNA	.KJ4RA	448.975	443.975 N	
SODDY DAISY	.WJ9J	449.450	444.450 *	ABELRP
SODDY-DAISY	.KD4HII	448.900	443.900 N	PROPOSED
SPENCER	.KA4MHJ	448.775	443.775 *	ABET
WATERTOWN	.KE4WA	449.400	444.400 N	OT100.0
WATERTOWN	.N4IDG	449.900	444.900 *	PT100.0

920 MHZ

MORRISTOWN	.KD4LP	908.800	920.800 N	BP

1270 MHZ

MEMPHIS	.N4HKS	1272.000	1292.000	* B
NASHVILLE	.W4WXJ	1272.400	1284.400	*
NASHVILLE	.KB4ZOE	1274.500	1286.500	* ABL

ATV REPEATERS

BARTLETT	.N4WAH	253.250	421.250 *	PROPOSED
KNOXVILLE	.WA4CDM	426.250	253.250 *	V
KNOXVILLE	.WA4CDM	439.250	421.250 *	V
NASHVILLE	.KJ4ZQ	439.250	421.250 N	V
NASHVILLE	.K4ZGA	910.250	923.250 *	LV
NASHVILLE	.KD4EEW	277.250	439.250 N	VL
PULASKI	.KB4TPI	439.250	421.250 N	V

VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

BEACONS

HIGH KNOB	.WD4GSM	0.000	144.054 *	
HIGH KNOB	.WD4GSM	0.000	296.075 *	
HIGH KNOB	.WD4GSM	0.000	432.075 *	

10 METERS

BLUEFIELD/ONEIDA	WZ8E	29.580	29.680 *	ORL
NEWPORT NEWS	WB4CTF	29.600	29.600 N	R
STERLING	.KD4DN	29.580	29.680 M	MT

6 METERS

ALEXANDRIA	.WA4CCF	52.130	53.130 M	ML
AMELIA	.WB3R	52.390	53.390 N	PROPOSED
AMELIA COURTHSE	KB4YKV	52.110	53.110 N	P
ARLINGTON	.KI4MB	52.050	224.060 M	MCL
BEDFORD/THAX MT	WB4DBB	52.150	53.150 *	
CENTERVILLE	.KA4DCS	52.580	52.480 M	M
DANVILLE(DCC)	.WB4GJG	52.130	53.130 *	
FANCY GAP	.WD4ICX	52.290	53.290 *	T107.2
GATE CITY	.N4WWB	52.210	53.210 *	OABL
GUM SPRING	.KB4MIC	52.070	53.070 *	
HERNDON	.WD4KHP	52.620	52.820 M	TM
LEXNGTN/ROCK MT	KI4ZR	52.010	53.010 *	L
PEARISBURG	.KE4JYN	52.470	53.470 N	PROPOSED
ROANOKE	.WB4DBB	52.250	53.250 *	L
ROANOKE/POOR MT	WB8BON	52.090	53.090 *	L

2 METERS

ABINGDN/BRMLY MT	K4LSP	146.010	146.610 N	L
ABINGDON	.NM4L	147.945	147.345 *	ABL
ACCOMAC	.WA4TVS	147.855	147.255 *	EB
ALEXANDRIA	.WB4MJF	144.550	145.150 M	M
ALEXANDRIA	.WD4PDP	146.055	146.655 M	MP
ALEXANDRIA	.W4HFH	147.915	147.315 M	ML
ALTAVISTA	.WA4ISI	146.055	146.655 *	BEP
AMELIA COURTHSE	KB4YKV	147.780	147.180 N	P
ARLINGTON	.N4EFJ	144.870	145.470 M	M
BEAVERDAM	.N4CZJ	144.650	145.250 *	BP
BEDFORD	.WB4DBB	144.630	145.230 *	
BEDFORD	.WB4JBJ	147.705	147.105 *	L
BEDFORD/APL ORCH	WA1ZMS	146.085	146.685 *	BT100.0
BLACKSBURG	.AB9I	146.115	146.715 *	
BLAND	.N4AZJ	144.750	145.350 *	PR
BLUEFIELD	.KD8XK	144.650	145.250 *	PROPOSED
BLUEFIELD	.W8MOP	144.890	145.490 *	BP
BLUEFIELD/ONEIDA	WZ8E	146.355	146.955 *	PL
BLUEMONT	.WA4TSC	147.900	147.300 M	M
BRISTOL	.WD4CYZ	146.280	146.880 N	
CHARLOTTESVILLE	WA4TFZ	146.160	146.760 *	
CHARLOTTESVILLE	N4RAG	146.295	146.895 N	BT131.8
CHARLOTTESVILLE	WA4TFZ	146.325	146.925 *	
CHESAPEAKE	.K4NDH	144.690	145.290 N	E
CHESAPEAKE	.WA4YSE	146.010	146.610 *	ABE
CHESAPEAKE	.N4SD	146.190	146.790 *	ABE
CHESTERFIELD	.KA4CBB	147.960	147.360 *	BEP
CLARKSVILLE	.N4ZCM	144.870	145.470 *	CP
COEBURN	.AD4OV	144.830	145.430 *	ABER
COLLINSVILLE	.KN4DE	147.720	147.120 *	BT107.5
COVINGTON	.WA4HTI	146.205	146.805 *	L
CULPEPER	.AA4VI	147.720	147.120 M	M
DANTE	.WD4CYZ	147.855	147.255 N	O
DANTE/HAZEL MTN	KK4MW	146.385	146.985 N	AT103.5
DANVILLE(DCC)	.WB4GJG	146.325	146.925 *	BRPT104.2
DANVILLE/WHT OAK	KM4AU	146.100	146.700 *	BERP
DUBLIN	.K4HZS	146.070	146.670 *	P
EASTVILLE	.WA4TVS	147.945	147.345 *	PROPOSED
ELK CRK/IRON MTN	N4MGQ	147.840	147.240 *	BLT107.2
ENON	.WB4VWR	147.660	147.060 *	BP
FAIRFAX	.W4LBL	146.190	146.790 M	MP
FALLS CHURCH	.W4AQD	144.750	145.350 M	MT
FARMVILLE	.WA4QQI	144.730	145.330 *	BEP
FARMVILLE	.N4RKM	146.310	146.910 *	
FINCASTLE	.W4WIC	146.040	146.640 *	A
FOREST	.KC4RBA	144.770	145.370 N	BP
FOREST	.W8CXD	147.765	147.165 *	LT114.8
FRANKLIN	.K4SPS	147.900	147.300 *	BEP
FREDRICKSBURG	WB4LNT	147.615	147.015 M	M
GALAX/BRIRP MT	.N4VL	147.690	147.090 *	AB
GALAX/LKOUT MT	.N4VL	144.530	145.130 *	RT103.5
GATE CITY	.N4WWB	146.220	146.820 *	ABL
GLOUCESTER	.KC4TOG	144.770	145.370 *	PE
GREENBAY	.K4ARO	144.550	145.150 N	
GRUNDY	.K4HWQ	147.915	147.315 N	A
GRUNDY/BIG A MT	.KK4EH	146.235	146.835 N	
GUM SPRING	.WB4IKL	147.870	147.270 *	
HAMPTON	.K4DHO	146.130	146.730 *	PE
HAMPTON	.K4UMI	146.340	146.940 N	T
HAMPTON	.KA4VXR	147.825	147.225 N	A
HARRISONBURG	.N4YET	144.530	145.130 M	M
HARRISONBURG	.N4RAG	147.825	147.225 M	AMT131.8
HARRISONBURG	.N4YET	147.915	147.315 M	MA
HERNDON	.N4FXP	144.710	145.310 M	MP
KILMARNOCK	.W2MS	144.610	145.210 *	A
LEXINGTON	.KI4ZR	147.900	147.300 *	AB
LEXNGTN/ROCK MT	KI4ZR	147.930	147.330 *	
LORTON	.KE4ZN	144.570	145.170 M	MT
LORTON	.N4JOQ	144.570	145.170 M	MC
LYNCHBURG	.W4WWQ	146.010	146.610 *	
LYNCHBURG	.AB4M	146.415	147.015 *	PT131.8
LYNCHBURG	.WA4RTS	147.795	147.195 *	
LYNCHBURG	.KB4ILD	147.975	147.375 N	P
MADISON	.N4AJO	147.990	147.390 M	M
MANASSAS	.WA4FPM	146.370	146.970 M	MBLPE
MARION	.KC4SKE	144.670	145.270 N	T103.5
MARION	.N4QLF	146.040	146.640 N	AT103.5
MARTINSVILLE	.KD4QWD	147.885	147.285 *	BPT107.2
MCLEAN	.WD4IWG	147.810	147.210 M	MBP
MECHANICSVILLE	.K4ITQ	146.220	146.820 N	PROPOSED
MOUNTAIN LAKE	.WZ8E	147.465	146.865 *	PL
MT LAKE/BALD KNB	.K4TUE	146.310	146.910 *	
NEW MARKET	.K4AVW	146.025	146.625 M	MB
NEWPORT NEWS	.W4MT	144.630	145.230 *	B
NEWPORT NEWS	.WA4OHX	144.890	145.490 *	ABET6
NEWPORT NEWS	.WB4CTF	147.765	147.165 N	PLR
NORFOLK	.WA4ZUA	144.570	145.170 *	BELPRT136.5
NORFOLK	.KE4YRQ	144.730	145.330 *	BERP
NORFOLK	.NE4D	146.100	146.700 N	E
NORFOLK	.AD4ZK	147.675	147.075 *	BEP
NORTON/HIGH KNOB	K4AXO	146.415	147.015 *	BP
OILVILLE	.N4TZE	147.690	147.090 N	C
PEARISBURG	.N4AZJ	147.735	147.135 *	P
PENNINGTON GAP	KK4QS	146.100	146.700 N	
PETERSBURG	.K4ARO	147.990	147.390 N	
PKS KB/PULASKI	.WB3S	147.780	147.180 *	BP
PORTSMOUTH	.W4POX	146.250	146.850 *	ABE
POUND	.KD4UZN	144.610	145.210 N	T
RADFORD/RINER	.KA4IXK	144.550	145.150 N	PROPOSED
RICHLANDS	.KM4FY	147.750	147.150 N	PROPOSED
RICHMOND	.K4YPE	144.510	145.110 *	A
RICHMOND	.W4SQT	144.830	145.430 *	P
RICHMOND	.WB4QEY	146.040	146.640 N	P
RICHMOND	.WA4ZBE	146.280	146.880 *	BP
RICHMOND	.W4ZA	146.340	146.940 *	B
RICHMOND	.WA4JST	146.430	147.030 N	
RICHMOND	.N4HB	147.735	147.135 *	T107.2
ROANOKE	.N4AP	146.340	146.940 N	A
ROANOKE/POOR MT	.KC4DY	146.145	146.745 *	BERPT107.2
ROANOKE/POOR MT	.W4CA	146.385	146.985 *	BELP
ROANOKE/POOR MT	.WB4QOJ	144.610	145.210 N	KLY
ROANOKE/POOR MTN	K4ARO	144.790	145.390 N	LT107.2
ROANOKE/POOR MTN	KB4QWO	147.870	147.270 *	BCLP
RUSTBURG/LONG MT	N4UTN	146.235	146.835 *	BP
SALEM	.W4PDL	146.280	146.880 N	
SALUDA	.AA4HQ	144.850	145.450 *	ABE
SMITHFIELD	.KF4ADJ	147.795	147.195 *	ABRT100.0
SOUTH BOSTON	.WD4LBM	146.460	147.060 *	PL
SOUTH HILL	.KD4MJO	147.840	147.240 N	
STAFFORD	.NM7J	144.670	145.270 M	MP
STAUNTON	.W4XD	146.100	146.700 *	
STAUNTON	.WA4ZBP	146.250	146.850 *	RYT131.8
STAUNTON	.W4WRN	146.370	146.970 N	E
STAUNTON/EL. KB	.WD4FOZ	147.645	147.045 *	T131.8
STERLING	.WA4TXE	146.115	146.715 M	MBP
STUARTS DRAFT	.KB4OLM	147.960	147.360 *	PELP
SUFFOLK	.WA4HMT	146.400	147.000 N	OEP
TYSONS CORNER	.W4XG	146.310	146.910 M	MP
VIENNA	.K4HTA	146.085	146.685 M	MB
VIRGINIA BEACH	.WA4KXV	146.295	146.895 *	
VIRGINIA BEACH	.WA4KXV	146.370	146.970 *	E
VIRGINIA BEACH	.WA4SBC	147.645	147.045 N	
VIRGINIA BEACH	.W4NV	147.975	147.375 N	BP
WALKERTON	.KA4DZU	146.115	146.715 N	
WARRENTON	.NZ4N	147.765	147.165 M	M

COORDINATION POLICY AND GUIDELINES
of the
SouthEastern Repeater Association, Inc.

Representing Coordination and UHF/VHF Interests throughout Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia

Revised and Adopted January, 1987. Latest Revision July, 1995.

A guide for our Frequency Coordinators and for the prospective repeater owner and/or trustee explaining rules on how to achieve coordinated status and governing their duties for operating and maintaining repeaters in the VHF, UHF, and microwave amateur frequency spectrum as set forth according to the Federal Communications Commission (FCC), and by the SouthEastern Repeater Association, Inc. (SERA) which is the recognized coordinating body of the member states in the southeastern United States.

INTRODUCTION

The SERA Coordination Policy and Guidelines were rewritten at the request of the Board of Directors and approved at the annual meeting in January, 1987, with updates approved at the January and July, 1995, board meetings. The rewrite was required to update the old coordination policy and to coincide with new FCC Rules and Regulations concerning repeater councils, repeater owners, trustees, and users, and the coordination of repeater, link, and control frequencies in general. The rewrite committee sought to cover every area involving repeater coordination. The rewrite was based on FCC information and rules governing the operation of repeater councils across the nation. The policy is written in such a way as to explain in detail what is required by FCC Rules and Regulations and recommendations for coordination procedure when placing a repeater on the air. Interference and arbitration is defined so that repeater owners, trustees, and users will know how the SERA will stand on each issue.

This document covers in detail the recommended allocations to various modes of operation in the Amateur Radio Service on VHF, UHF, and microwave bands. The SERA Frequency Utilization Plan carefully spells out where operators may operate using various modes and, at the same time, comply with FCC Rules and Regulations and SERA Policy and Guidelines. The committee also made every effort to allocate frequencies for operational capabilities in every amateur radio mode. By drafting this comprehensive document, addressing every possible aspect of coordinating VHF, UHF, and microwave frequencies, the SERA feels that the best interest of all amateurs will be served for years to come.

As the amateur frequency spectrum becomes more crowded, the future adherence to these guidelines will foster pleasing operation on VHF, UHF, and microwave amateur bands in our service area, as well as good relationships among repeater owners, trustees, and users throughout the SERA districts. Although coordination is strictly voluntary and even though FCC Rules and Regulations do not require coordination, in all cases of conflict an uncoordinated repeater bears the primary responsibility of resolving any problems. The SERA Coordination Policy and Guidelines are written for those who wish to coordinate, giving a clear definition of what is required of the repeater owner and/or trustee in order to acquire coordinated status. Since 1971, voluntary compliance by repeater owners and/or trustees and users is what has, and will, continue to make our coordinating system work.

POLICY 1 - General Information

Originally formed in 1971 as the North Carolina FM Repeater Association, in 1973, becoming the Carolinas-Virginia Repeater Association, Inc., and in 1981, CVRA-SouthEastern Repeater Association, Inc. (CVRA-SERA) and in 1987, SouthEastern Repeater Association, Inc. (SERA), the Association is the recognized amateur frequency coordinating body for the following geographical areas, herein called

DISTRICTS:

A. the autonomous state of NORTH CAROLINA,

B. the state of VIRGINIA, south of a line formed by the 38-degree parallel of latitude extending from the Atlantic Ocean, west to U.S. Route 33, then following U.S. Route 33 to the West Virginia State line,

C. the autonomous state of SOUTH CAROLINA,

D. the state of WEST VIRGINIA, except an easternmost area referred to as the ``panhandle'', which is made up of the counties of: Berkeley, Hampshire, Hardy, Jefferson, and Morgan,

E. the autonomous state of TENNESSEE,

F. the autonomous state of KENTUCKY,

G. the autonomous state of GEORGIA,

H. the autonomous state of MISSISSIPPI.

POLICY 2 - Fixed Coordination

SERA coordinates only the types of fixed amateur transmitting facilities in those amateur frequency segments as authorized by the FCC.

A. Repeaters B. Link/Control C. Auxiliary Stations

A digipeater is usually a simplex operating system. Duplex digital systems which utilize FM repeater input and output pairs are classified as repeaters, operating digital, and shall be coordinated by the SERA as would any other FM repeater pair.

The SERA recognizes organized statewide digital communications organizations. Further, the SERA recommends allocation of frequencies for digital (packet) radio use. Finally, the SERA delegates the recognized digital groups the task of assigning digital systems and operation within the allocated frequencies. In order to become a "delegated digital organization" as recognized by the SERA, the organization must contact the Director of that SERA District by letter and fulfil the current requirements.

POLICY 3 - Simplex Frequencies

The SERA will designate FM simplex frequencies which will be listed in the SERA Frequency Utilization Plan. These simplex frequencies shall not be used for digipeaters, although simplex digital (keyboard to keyboard) operation is permitted as is CW, RTTY, and other FM simplex operation.

The SERA coordinates repeater, link, and control frequencies with maximum frequency utilization of designated amateur bands. Voluntary compliance with our policy has proven successful in each of our districts.

Recommended Repeater Frequency Utilization:

A. **28 mhz:** ten meter pairs are issued with low in, high out, with a 100 khz offset. Channel spacing is 20 khz.

B. **50 mhz:** six meter pairs are issued low in, high out, and a 1 mhz offset. Channel spacing is 20 khz.

C. **144-148 mhz:** most two meter pairs are issued with a plus (+)600 khz offset

and 15 khz channel spacing above 147 mhz; minus (-)600 khz offset and 15 khz channel spacing between 146 and 147 mhz; and minus (-)600 khz offset and 20 khz channel spacing below 146 mhz.

D. 222 mhz: all 222 mhz pairs are issued with a minus (-)1.6 mhz offset and 20 khz channel spacing.

E. 440 mhz: all 440 mhz pairs are issued with a plus (+)5 mhz offset, high input, low output, and 25 khz channel spacing.

F. 902 mhz: all 902 mhz pairs are issued with a minus (-)12 mhz offset, low input, high output, and 100 khz channel spacing. This will be changed to 50 khz and then 25 khz channel spacing when limitations require.

G. 1240 mhz: all 1.2 ghz pairs are issued with a minus (-)20 mhz offset, low input, high output, and 100 khz channel spacing.

POLICY 4 - Frequency Coordinators

SERA Frequency Coordinators are the Directors, Vice Directors, and their Assistants in each district. Their job is to make maximum use of frequencies available for amateur use by using the SERA Coordination Policy and Guidelines and through mutual cooperation of repeater trustees. The SERA offers coordination to benefit both repeater trustees and users.

POLICY 5 - Repeater Coordination Parameters

Under normal circumstances, the SERA normally maintains the following recommended repeater distance spacing:

A. Co-channel distances:

1. 28 and 50 mhz repeaters: 100 miles. It should be noted that repeaters on these bands may require special consideration when determining mileage for co-channel spacing. Coordination for repeaters on these bands will be considered on a case by case basis. Additionally, coordination may require contact with many neighboring states that may, or may not, be an SERA District.
2. 144-148, 222, 440, 902, & 1240 mhz standard coverage repeaters: 100 miles.
3. 440 mhz limited coverage repeaters: 50 miles.

B. Adjacent channel distances:

1. 28 and 50 mhz repeaters: 75 miles at 20 khz spacing.
2. 144-148 mhz repeaters:
   a. 144-145 Mhz: 25 miles at 20 khz spacing.
   b. 146-148 Mhz: 75 miles at 15 khz spacing.
3. 440 mhz standard and limited coverage repeaters: 25 miles at 25 khz spacing.
4. 902 and 1240 mhz repeaters: 25 miles at 100 khz spacing.

POLICY 6 - Repeater Distance Variance

Channel spacing distances referred to in Policy 5 may be adjusted as necessary by the Frequency Coordinator. Repeater locations that are unusually higher than the surrounding average terrain (i.e. mountain peaks or a multiple floor building in a metropolitan area) may require spacing distance in excess of Policy 5 guidelines. Repeater locations where terrain and low ERP are a factor may allow for less distance. Decisions concerning distances are based on various technical parameters of the proposed repeater. Those decisions are made at the discretion of the Frequency Coordinator.

POLICY 7 - Repeater Power Limitations

Although the FCC has eliminated specific power limits for repeaters according to height above average terrain (HAAT) as contained in the former Section 97.67(c), the SERA will continue to observe this policy. Any decision to grant a variance from the power to HAAT ratio will be left to the Frequency Coordinators. Frequency Coordinators also have the authority to impose power limitations of a repeater which may be based in whole or in part on calculated effective radiated power (ERP), height above average terrain (HAAT), antenna system design, and separation from co-channel and adjacent repeaters.

A. For 28 mhz through 222 mhz:

1. up to 100 feet HAAT - 800w ERP
2. 100-500 feet HAAT - 400w ERP
3. 500-1000 feet HAAT - 200w ERP
4. 1000 feet and above - 100w ERP

B. For 450 mhz and above, under normal circumstances:

1. up to 1000 feet HAAT - 800w ERP
2. 1000 feet and above - 400w ERP

C. As a rule, the SERA does not honor requests for repeater pairs that are contrary to our recommended plan which has been designed for maximum utilization of frequencies in our areas.

POLICY 8 - Trustee & Holder of Record

The trustee is the holder of record of a coordination, except in the case of a club sponsored repeater for which the club is the holder of record and the appointed trustee will act on behalf of the sponsor.

All requests for coordination, or for changes in listing, callsign, sponsorship, or trustee information for a repeater or its associated link(s) shall be submitted in writing on the appropriate SERA form over the signature of the owner/trustee, except for club repeaters, which will be over the signature of the trustee and the club president. Club sponsors may make a trustee change, provided the request is signed by the new trustee and club president.

If a repeater that is originally coordinated to an individual later becomes sponsored by a club, the individual still remains the holder of record, unless the coordination is transferred similar to the steps as outlined in Policy 11.

A. If the coordination is transferred the club becomes the "primary" sponsor.

B. If the owner/trustee retains the coordination in his name, the club may provide "secondary" sponsorship.

Frequency Coordination requests will be made on an official "Application for Frequency Coordination" form. The applicant shall provide all requested information and submit the application to the appropriate district Frequency Coordinator for his final approval.

POLICY 9 - Height, Power, Frequency, or Location Changes

Coordination is based on information provided by the applicant and contained on the "Application for Frequency Coordination" form. If a repeater trustee significantly changes the location, antenna height or pattern, effective radiated power, frequency, or other operating parameters of his system, the repeater will be required to be re-coordinated. The SERA Frequency Coordinator shall be notified in writing on the appropriate form. Re-coordination is required to verify that interference to or from other repeaters does not occur. Re-coordination is not to allow another repeater or proposed repeater to be assigned to the frequency.

Note: *Significantly* shall be a power change of 1 db, an antenna height change of more than fifteen feet, or a horizontal move of more than 1,500 feet. For the 1 db power change, the SERA uses a factor of .75 or 1.25 of the original power. For example a 100 watt ERP station multiplied by .75 would be 75 watts, or multiplied by 1.25 would be 125 watts.

POLICY 10 - Directional & Non-Directional

In all cases, a coordinated repeater using a non-directional antenna and changing to a directional antenna or using a directional antenna and changing to a non-directional antenna will require re-coordination. Any subsequent approval

will transfer the repeater to the status of a newly coordinated repeater as defined in Policy 12.

POLICY 11 - Repeater Pairs Relinquished

Normally, repeater frequency coordinations are not transferable. When the current trustee of record relinquishes his coordination in writing, the frequencies revert back to the SERA frequency pool. If a trustee sells his repeater system to another person, the same frequency pair may be re-coordinated to the new owner; provided, the coordination request meets the SERA Coordination Policy and Guidelines, the proposed new trustee makes an application to his respective Frequency Coordinator within thirty days of the sale, and the current trustee of record has relinquished that frequency pair. If the new owner does not make an application within thirty days, the frequencies shall revert back to the SERA frequency pool.

POLICY 12 - Repeater Re-Coordination

Re-coordination transfers a repeater to newly coordinated, with regard to "first on channel" status.

POLICY 13 - Trustee Responsibility

A trustee of a coordinated repeater shall notify their SERA Frequency Coordinator and the SERA Computer Records Manager, in writing, within ten days of any change in their mailing address. Trustees shall notify their Frequency Coordinator in writing, within ten days of the date the repeater ceases operation. If a repeater permanently ceases operation or is sold for relocation, the trustee shall notify their Frequency Coordinator in writing within ten days of the event. Such cessation letter will be construed to mean the trustee is relinquishing the assigned frequency pair. Failure to return the annual SERA Datasheet may also be construed as notification that the repeater has ceased operation and the frequencies are available for re-assignment.

POLICY 14 - Coordination Specifics

In terms of coordination, the SERA has established policies dealing with priorities for repeater frequency requests.

A. The SERA recognizes two fundamental motivations for the establishment of an amateur repeater:

1. As a service to other amateurs living or traveling in the service area, and
2. As an exercise in individual achievement on the part of the owner(s) or trustee(s).

Both of these motivations are equally valid and in the traditional spirit of amateur radio. However, in cases where these two rationales are in conflict, service must prevail over individual achievement. For example: The desire of an operator to set up a new repeater, largely for reasons of self achievement, in an area already well served by existing repeaters, must be accommodated in a way that does not detract from the existing area serviced, in terms of co-channel or adjacent channel interference.

Most large cities already have enough two meter repeaters for both emergency and routine communication. Therefore, small towns and rural areas that are removed from those cities may take priority in the allocation of available frequency pairs. Those less populated areas may not be able to utilize other bands as easily as more populated areas because of the limited number of amateurs available to support the use of alternate bands.

B. The owner and/or trustee of the proposed repeater shall actively participate with the Frequency Coordinator in the survey of available frequencies and the coverage area of existing systems. Further, the owner and/or trustee will bear the primary responsibility for any testing or monitoring period that might be required by the Frequency Coordinator. The Frequency Coordinator may also require the logging of signals heard, at the proposed coordination site, from co-channel and/or adjacent users. Although the final decision will be at the discretion of the Frequency Coordinator, during any arbitration that may take place, the burden of proof of an alleged clear frequency will rest with the proposed repeater owner and/or trustee.

C. Repeater frequency assignments shall be made with more consideration given to the transmissions of fixed and mobile stations than the output signal of the repeater. The majority of repeater coordination problems arise from fixed and mobile stations inadvertently accessing co-channel and adjacent channel repeaters in addition to the one intended.

D. Just as with AM & FM commercial broadcast allocations, "first on frequency" is the accepted principle. Existing coordinated repeaters have first right to continued use of their frequencies and reasonable service areas. The effective use of an existing repeater should not be appreciably diminished by a new repeater.

These rights have great weight, but are not absolute. For example: An established wide area repeater should tolerate minor loss of fringe coverage and the occasional inadvertent access, to allow a new repeater to provide needed service in a location distant from the first. Further, "first on frequency" carries no special right to make a technical parameter change without re-coordination of the frequency assignment, as stated in Policy 9.

E. Requests for closed repeaters will be discouraged. The rationale for our position is simple. Frequency pairs are a limited and valuable resource and they should be made available to all amateurs.

F. Eight numbered CTCSS frequency pools, containing five standard tone frequencies, have been recommended for use in adjacent geographical areas. Of these designated pools, two have been reserved for common or alternate use. Further, two discrete tone frequencies have been reserved for common use.

POOL #1: TN-E, NC-E	67.0 (XZ), 88.5 (YB), 118.8 (2B), 156.7 (5A), 206.5 (8Z)
POOL #2: WV, TN-M, SC	69.3 (WZ), 91.5 (ZZ), 123.0 (3Z), 162.2 (5B), 210.7 (M2)
POOL #3: NC-W	71.9 (XA), 94.8 (ZA), 127.3 (3A), 167.9 (6Z), 218.1 (M3)
POOL #4: GA-S, TN-W, VA-E	74.4 (WA), 97.4 (ZB), 131.8 (3B), 173.8 (6A), 225.7 (M4)
POOL #5: MS-S, KY-W, VA-W	77.0 (XB), 103.5 (1A), 136.5 (4Z), 179.9 (6B), 229.1 (9Z)
POOL #6: KY-E, GA-N, MS-N	79.9 (WB), 107.2 (1B), 141.3 (4A), 186.2 (7Z), 233.6 (M5)
POOL #7: Common Pool 1	82.5 (YZ), 110.9 (2Z), 146.2 (4B), 192.8 (7A), 241.8 (M6)
POOL #8: Common Pool 2	85.4 (YA), 114.8 (2A), 151.4 (5Z), 203.5 (M1), 250.3 (M7)
Common Tone 1	100.0 (1Z)
Common Tone 2	254.1 (OZ)

POLICY 15 - Good Repeater Operating Practices

Good operating practices are needed by repeater owners and/or trustees and users alike to achieve the standards that are expected in the amateur radio service. Although coordination councils lack the actual "police power" to regulate amateur frequencies, mutual cooperation between the coordination council, owners and/or trustees, and users is required to make frequency coordination work. Our coordination policy is an outline which, if followed on a voluntary basis by all, will allow the coordination plan to work, thereby providing a better operating climate for all within amateur radio.

Further, the SERA advocates:

A. Repeater owners and/or trustees and users are expected to maintain good engineering and operating practices, as well as common amateur courtesy. Good amateur practice promotes harmony and prevents unwanted interference to, and from, other systems.

B. Repeater users should use only the necessary amount of power to operate into repeaters. This prevents unwanted activation of other repeaters on the same frequency, and at times, on nearby adjacent channel repeaters.

C. Repeater users should see that their equipment operates on the proper frequency and their deviation should not exceed 5 khz peaks. Digital operation may require a lower deviation setting to prevent over deviation into a digital system.

D. When the repeater's effective radiated power exceeds its receive capability, operators tend to use excessive transceiver power in order to access a repeater. This creates an atmosphere of potential interference to other co-channel and adjacent channel repeaters. Therefore, it is strongly suggested that repeater ERP should always equal the receive capability.

E. Repeater owners and/or trustees are encouraged to use state of the art equipment with sufficient filtering on input and output, as well as maintaining proper calibrations, to prevent adjacent channel interference.

POLICY 16 - Requests for Coordination

Although voluntary from the beginning of repeater operation, frequency coordination has played a large part in maintaining order in the operation of repeaters. The SERA strongly recommends to all amateurs that wish to construct and operate a repeater to seek coordination and cooperate fully with their coordination council.

A. Any verbal discussion concerning coordination with the Frequency Coordinator is welcomed. No official action will be taken until a complete written application is received providing all of the required information.

B. Any licensed amateur that wants to construct and operate a repeater shall contact the SERA Frequency Coordinator for their area and request an official "Application for Frequency Coordination" form. Upon receipt of the form, the applicant shall provide all requested information. Incomplete forms cannot be processed and will delay the application.

C. The SERA shall be provided all control or link frequencies used in a repeater system. This information will be used to help prevent interference from other repeater systems which might use control or link frequencies. Link and control frequencies are also required to be coordinated. All control or link frequencies must comply with the current SERA band plan. This information will be held as confidential and not be published or made available to anyone, other than frequency coordinators through the regular course of their duties.

D. New SERA frequency coordinations are issued to the trustee named on the application and are valid for six months from the date of issue. The repeater should be operational within this time period. If unavoidable circumstances prevent the new repeater from being placed on the air, a one time six month construction extension may be issued by the Frequency Coordinator. Requests are to be made on SERA Form 09, or in the absence thereof by letter, and directed to the Frequency Coordinator. The extension request shall state the problems and/or reasons that prevented the repeater from being operational.

E. The trustee of a new repeater shall notify the Frequency Coordinator by using SERA Form 09, or in the absence thereof by letter, when his repeater is on the air in a permanent condition and operating within the specifications of the original coordination request.

F. Although the FCC no longer requires submission of repeater system diagrams, other pertinent data, and logging of repeater operation; repeater trustees are still responsible for maintaining the complete history and system description in written form. Further, it is strongly recommended that each repeater trustee maintain a copy of the current SERA Coordination Policy and Guidelines.

POLICY 17 - Repeater De-Coordination

To preserve integrity in coordination and to maintain accurate records, the SERA maintains certain rules that shall be followed by repeater owners. If these requirements are not followed de-coordination of the frequency assignment will follow.

A. Each SERA Frequency Coordinator has the right to revoke a coordinated frequency under the following circumstances:

1. If the FCC orders the system to permanently cease operation,
2. If within six months of coordination, or a one time re-confirmation of a frequency pair, the existence of a working system cannot be confirmed; or if the holder cannot comply with the request of the Frequency Coordinator to demonstrate the operation of such system within thirty days of the request; or if there is not a working system on the air and the trustee has not filed a written request or a Form 09 requesting a construction extension,
3. When a determination has been made, by means of research (to be documented by the Frequency Coordinator) that a frequency pair has not been in use for sixty days, the Frequency Coordinator will send an inquiry by certified mail, return receipt requested, to the trustee of record. Should no response be received within thirty days from the date of receipt of this letter, or if the letter be returned as not delivered the coordination of the frequency pair will be rescinded. If the trustee responds within thirty days requesting that the coordination be maintained, at the discretion of the Frequency Coordinator, any further action may be stayed for up to ninety days,
4. If, in the course of research, a frequency allocation is determined to be vacant and the trustee of record cannot be located by certified mail, return receipt requested, or
5. If the trustee of the system consistently violates good engineering or amateur practices by:
   a. operating his system with excessive deviation, spurious emissions, or off frequency as to cause harmful interference to adjacent channel users, or
   b. having been found to be responsible for interference to another system, refuses to cooperate with the other trustee(s) involved and/or the Frequency Coordinator.

B. If arbitration proves that the public interest will be better served by a de-coordination act, or that spectrum utilization will be enhanced by the coordination and subsequent re-assignment of that frequency to another party, the Frequency Coordinator may initiate the de-coordination act.

C. A repeater trustee will have the right to file a one time protest of each de-coordination act by filing a grievance with the President of the SERA within ten days of the final finding by the Frequency Coordinator. If a repeater trustee protests a de-coordination act, the Frequency Coordinator will present all documentation concerning the de-coordination to a review board. This review board will consist of three SERA full members which will be appointed by the President. If, after the concurrence of the review board, the trustee does not cease operation, the Frequency Coordinator will notify the appropriate field office of the FCC with a request that appropriate action be taken.

1. Various other de-coordination actions may be taken by the Frequency Coordinator for good cause or reason and subject to the same grievance procedure as set forth in Policy 17.B. In all cases the Frequency Coordinator will notify the repeater trustee by certified mail, return receipt requested, setting forth the cause or reasons for the action.
2. De-coordinated frequencies will be placed back into the frequency pool and made available for future coordination by the Frequency Coordinator of any district.
3. Re-assignment of de-coordinated frequencies will not take place until:
   a. an interval of thirty days has passed since final notice has been delivered to the trustee, or
   b. any pending litigation has been concluded.

POLICY 18 - Interference Policies

The SERA maintains a policy of dealing with interference problems between repeater owners, trustees, and sponsors to resolve these disputes. This policy complies with FCC rulings and guidelines.

A. If an uncoordinated repeater causes harmful interference to a coordinated repeater, the primary responsibility for correcting the interference rests with the trustee of the uncoordinated repeater in accordance with FCC Part 97.205(c).

B. If both repeater systems are coordinated, the trustee of the most recently coordinated or re-coordinated system bears the responsibility for correcting the interference.

C. If both repeater systems are uncoordinated SERA will not litigate the problem.

D. In cases where a repeater in a SERA district is involved with interference with a system operated outside of a SERA district, the SERA Frequency Coordinator will work with the frequency coordinator from the other territory and should work within SERA Policies and Guidelines while working to resolve the dispute with the other repeater and Frequency Coordinator.

E. If a repeater trustee changes the location, antenna height or pattern, ERP, frequency, or other operating parameters of his system, as defined in Policy 9, and subsequently causes interference to other co-channel or adjacent channel repeaters, that repeater trustee bears primary responsibility for correcting the interference.

POLICY 19 - Interference Review Procedures

SERA policies provide equal fairness to all parties that are involved in review and arbitration procedures that are a result of repeater interference complaints.

A. A repeater trustee who is a victim of harmful interference from another repeater system, or its operators, shall document times, band conditions, station callsigns, and the type of interference experienced. Abnormal band conditions will not be considered as a valid reason for filing an interference complaint. The trustee of the repeater who is receiving interference shall contact the trustee of the interfering repeater by certified mail, return receipt requested, outlining the existing problem and include documentation. The responding trustee shall answer any letter received within thirty days.

B. If negotiation attempts fail and the interference problem cannot be resolved with the trustee of the interfering repeater, the offended trustee shall then contact his SERA District Director by letter, outlining the problem and provide his documentation of the problem. Any failed attempt to contact the interfering repeater trustee should also be explained in detail.

C. The Frequency Coordinator shall use the complete documented history of the affected repeater and offending repeater that is contained in the applicable coordination file and database. If the Frequency Coordinator needs any other information, the individual trustees, or sponsors, shall provide that information within thirty days of any request by the Frequency Coordinator.

D. If the Frequency Coordinator cannot resolve the problem, using the guidelines explained above, and the trustee bearing responsibility for the interference does not cooperate, or does not take reasonable action to resolve the problem, or refuses to cooperate with the Frequency Coordinator in any way, the SERA Frequency Coordinator will consult the Engineer in Charge of the local FCC Field Office by letter, outlining the existing problem. He will also notify the affected repeater trustee and offending repeater trustee by photocopy of the letter being sent to the FCC. Upon consultation with the Engineer in Charge of the FCC Field Office, the Frequency Coordinator may continue negotiations with the repeater trustee or turn all documentation over to the SERA President who will empanel a review board. The review board shall have thirty days to uphold the suggested action or recommend further investigation, negotiations, or alternative actions.

1. If the decision of the Frequency Coordinator is upheld, the review board shall notify the trustee of the interfering repeater by certified mail, return receipt requested, and all other involved parties within ten days of the affirmed finding.
2. If the trustee of the interfering repeater does not comply with the findings of the review board or refuses to agree to binding arbitration, the Frequency Coordinator shall notify the repeater trustee by certified mail, return receipt requested, that his frequency has been de-coordinated. The Frequency Coordinator will then write to the FCC Field Office, whose jurisdiction the interfering repeater is located, and request enforcement of the de-coordination in accordance with current FCC regulations. The Frequency Coordinator shall include an outline of all action taken and photocopies of all documents generated as a result of this matter. At this point, any further action rests with the FCC.
    a. If the trustee of the interfering repeater agrees to binding arbitration, an arbitration committee will be impaneled. Consisting of three members, one appointment will be made by the SERA Executive Committee and one appointment will be made by the trustee of the interfering repeater. These two appointees will unanimously select a third member who will serve as the committee chairman. The members of this arbitration committee will be licensed amateur operators, as well as repeater trustees, and full members of the SERA. No member of the arbitration committee shall be an elected officer or appointee of the involved SERA district. No officer or appointee of another coordinating entity may be a member of a SERA arbitration committee. The decision of this committee will be final.
    b. No professional arbitrators will be used. It is strongly believed that problems involving amateur radio are best understood by licensed amateur radio operators.
    c. The SERA will pay all of the reasonable and necessary out of pocket expenses incurred by the arbitration committee. Expenses will be subject to approval by the Executive Committee. Expenses will not include fees for services rendered.

E. All cases of malicious interference shall be forwarded to the FCC Field Office having jurisdiction in the area where interference is located after proper documentation has been made. Documentation shall include, but not be limited to, times, band conditions, station callsigns, and the type of interference experienced.

F. The FCC has adopted rules to define the NATIONAL RADIO QUIET ZONE which is referred to in Part 97.3(k). The area is bounded by latitude 39 degrees, 15 minutes, north; longitude 78 degrees, 30 minutes, east; latitude 37 degrees, 30 minutes, south; and longitude 80 degrees, 30 minutes, west. Located in the area surrounding the National Radio Astronomy Observatory at Green Bank, WV, and the U. S. Naval Research Laboratory at Sugar Grove, WV, the Quiet Zone protects the area where sensitive radio astronomy and national security operations take place. Amateurs who wish to place repeaters, beacons, or other transmitting devices within the Quiet Zone, shall contact the SERA for coordination of the requested frequencies. Upon receipt of the approved coordination from the SERA, final permission to place the repeater system on the air shall be obtained from: National Radio Astronomy Observatory, Interference Officer, P. O. Box 2, Green Bank, WV 24944-0002. Like any other coordinated system, changes in location, antenna height or pattern, ERP, frequency, or any other operating parameters of the system, as defined in Policy 9, require approval from your SERA Frequency Coordinator AND the Interference Officer at Green Bank.

POLICY 20 - Repeater Indexes and Published Listings

Aside from coordination of repeaters in the southeastern United States, the SERA shall maintain an accurate data base of information that will be readily available to all officers of the organization. The source of data contained in the *Repeater Journal* listings, or indexes, is the respective SERA Frequency Coordinator. Listing from any other source will be reviewed and approved by the respective Frequency Coordinator, prior to publication.

A. The SERA shall maintain a computerized data base of all known repeaters in the districts which it serves. The repeater listings will be updated quarterly for publication in the *Repeater Journal*, the official publication of the SERA,

and are believed to be correct to the best of our knowledge. The published listings will contain only basic pertinent repeater information. All other repeater information, will be held as confidential and will not be published or made available to anyone, other than frequency coordinators through the regular course of their duties. Newly coordinated frequencies may sometimes miss publication deadlines and not readily appear in the *Repeater Journal*, even though the information will be contained in the master data base.

B. The Repeater Journal shall publish all known repeaters, coordinated or uncoordinated, to satisfy the requirements of our IRS Tax Exempt status. Further, the Repeater Journal reserves the right to publish the status of any repeater within its respective districts. The operational parameters of all repeaters within the SERA districts will be contained in our data base. Any repeater operating contrary to the official SERA Frequency Utilization Plan shall be marked as such in the data base. By publishing a "non band plan" repeater, the SERA is not condoning such operation.

C. The Repeater Journal Repeater Index is copyrighted and cannot be reproduced in any "for profit" publication without explicit written permission from the SERA. The index may be reproduced by any person or club as long as the index is not sold. All other rights reserved.

D. While the SERA makes every attempt to publish correct and accurate indexes, we cannot be responsible for errors in our lists including, but not limited to, those repeaters which may, or may not be, on the air. In cases where proposed repeaters, or repeaters under construction, are listed for one year and no communication has been received by the SERA concerning the status of the repeater, the listing will be deleted in accordance with Policy 16(D).

E. Repeater owners and/or trustees are responsible for the accurate listing of their repeater. Likewise, the owner/trustee is responsible to see that all pertinent operational information is on file with the SERA.

F. Any correction or change of information contained on the annual SERA Datasheet, made by anyone prior to submission and approval by the respective Frequency Coordinator, may result in that repeater being transferred to uncoordinated status.

G. Failure to return the SERA "Datasheet", that is mailed on an annual basis, may be construed to infer that the repeater is no longer on the air and the frequency is available for re-assignment. In this case, the Frequency Coordinator may issue a "notice of frequency withdrawal" without any prior warning or notice. If the owner/trustee wants to retain his coordination, it will be the responsibility of the repeater owner/trustee to respond to the Frequency Coordinator, within thirty days, to advise why the datasheet was not returned and request the coordination be left intact.

Document Modification History

SERA Coordination Policies and Guidelines Rewrite-Adopted by the Full Board of Directors in January 1987.

An updated rewrite for clarification, by titling and codification of the individual paragraphs, and deletion of the CVRA title from the Organization was made and approved by the Full Board in January 1989.

Boundary changes for the Kentucky District and the addition of the Mississippi District were made in August, 1989.

Clarifications regarding club coordinations and trustee responsibilities (Policies 8, 9, and 13) made July, 1990.

Complete re-writes for Policies 13, 16, 17, 18, and 19, typographical errors, as well as other minor word additions or deletions were approved by the SERA Board of Directors in January, 1995.

Complete re-writes for the Introduction, Policies 2, 3, 5, 6, 7, 8, 9, 10, 12, 14, 15, 17, and 20, typographical errors, as well as other minor word additions or deletions were approved by the SERA Board of Directors in July, 1995.

Repeater Full Membership

Repeater owners are invited to become Full Members of SouthEastern Repeater Assn., Inc. (SERA) the official recognized coordinator for Virginia, West Virginia, North Carolina, South Carolina, Kentucky, Tennessee, Georgia and Mississippi.

By becoming a Full Member, you are eligible for office in the affairs of the organization. In elections you may vote. In addition, you are helping support the organization who has worked hard since 1971 to keep our repeater bands as clear and interference free as we could. It takes many $$$ to run an organization such as this. Your membership helps defray some of the cost. In addition, 2 representatives get the Repeater Journal FREE every quarter and your repeater is listed as a SERA supporter.

Join this great organization now. You will be receiving a datasheet in late September. Inside, there is a place for you to join. We invite you to do so. Thank you!

1.2 GHz. Band (1240 - 1300 MHz)

NOTE: This is the ARRL recommended 1.2 GHz. Bandplan, SERA has not completed work on our own individual proposal for this spectrum.

1240.00 - 1246.00	ATV #1
1246.00 - 1248.00	NB FM point to point links and digital duplex.
1248.00 - 1258.00	Digital communications
1252.00 - 1258.00	ATV #2
1258.00 - 1260.00	NB FM point to point links and digital duplex.
1260.00 - 1270.00	Satellite uplinks, experimental simplex ATV
1270.00 - 1276.00	Repeater inputs, FM and linear, B239 pairs, every 25 khz
1271.00 - 1283.00	Non Coordinated test pair
1276.00 - 1282.00	ATV #3
1282.00 - 1288.00	Repeater outputs paired with 1270-1276.
1288.00 - 1294.00	WB experimental, simplex ATV
1294.00 - 1295.00	NB FM simplex, 25 khz channels
1294.50	National simplex calling
1295.00 - 1297.00	NB weak signal (No FM)
1295.00 - 1295.80	SSTV, FAX, ACSSB experimental
1295.00 - 1296.00	Reserved for EME, CW expansion
1296.00 - 1296.05	EME Exclusive
1296.07 - 1296.08	CW Beacons
1296.10	CW/SSB Calling frequency
1296.40 - 1296.60	Crossband linear translator output
1296.80 - 1297.00	Experimental Beacons (exclusive)
1297.00 - 1300.00	Digital Communications

33 CM BAND - (902 - 938 MHz)

33 CENTIMETERS (902-928 MHZ)	
902.000 -902.800	SSTV, FAX, ACSSB, Experimental
902.800 - 903.000	Reserved - EME CW Expansion
903.000 - 903.050	EME Exclusive
903.070 - 903.080	CW Beacons
903.100 -	CW, SSB Calling Frequency
903.400 - 903.600	Cross band linear translator inputs
903.600 - 903.800	Cross band linear translator outputs
903.800 -904.000	Experimental Beacons Exclusive
904.000 - 906.000	Digital Communications
906.000 - 907.000	Narrow band FM Simplex (25 khz chanels)
906.500 -	National Calling Frequency
907.000 - 910.000	FM Repeater Inputs
910.000 - 916.000	ATV
916.000 - 918.000	Digital Communications
918.000 - 919.000	Narrow band FM Control links/Remote bases
919.000 - 922.000	FM Repeater Outputs
922.000 - 928.000	Wide band experimental, ATV, Simplex spread spectrum

SERA 33 cm FM Repeater Pairs 907.10-921.90 MHz

(29 Repeater Pairs) 100 khz spacing between channels (12 MHz in/out)

(Note: SERA will coordinate the 33 cm band repeater pairs with 100 khz spacing between channels until all pairs are used, then 50 khz and finally 25 khz split channel spacing will be utilized in the future as required.

907.100 - 919.100	907.900 - 919.900	908.600 - 920.600	909.300 - 921.300
907.200 - 919.200	908.000 - 920.000	908.700 - 920.700	909.400 - 921.400
907.300 - 919.300	908.100 - 920.100	908.800 - 920.800	909.500 - 921.500
907.400 - 919.400	908.200 - 920.200	908.900 - 920.900	909.600 - 921.600
907.500 - 919.500	908.300 - 920.300	909.000 - 921.000	909.700 - 921.700
907.600 - 919.600	908.400 - 920.400	909.100 - 921.100	909.800 - 921.800
907.700 - 919.700	908.500 - 920.500	909.200 - 921.200	909.900 - 921.900
907.800 - 919.800			

33 cm FM Voice Simplex Channels
Between 906.000 & 907.000 (every 25 Khz)- 906.500 National Calling Frequency

33 cm Digital Packet Simplex Channels
From 904.000 to 906.000 and 916.000 to 918.000 Mhz every 25 Khz.

SERA VHF/UHF FREQUENCY UTILIZATION PLANS

SouthEastern Repeater Association, Inc. (VA, NC, WV, KY, TN, SC, GA, MS)

2 - METERS (144-148 MHZ)

SERA 2-METER FREQUENCY UTILIZATION PLAN

144.000 - 144.015	Channel Guard (15 Khz)
144.015 - 144.050	EME(CW) (35 Khz)
144.050 - 144.060	Propagation Beacon (10 Khz)
144.060 - 144.100	CW & Weak Signals (40 Khz)
144.100 - 144.200	EME & Weak Signals (100 Khz)
144.200 -	SSB National Calling Frequency
144.200 - 144.300	General SSB (100 Khz)
144.300 - 144.500	OSCAR Sub-band (200 Khz)
144.510 - 144.890	FM Repeater Inputs (380 Khz)
144.900 - 145.000	FM Digital/Packet Operation (10 Khz)
145.000 - 145.100	FM Digital/Packet Operation (100 Khz)
145.110 - 145.490	FM Repeater Outputs (380 Khz)
145.500 - 145.800	FM Digital/Packet Operation (300 Khz)
145.800 - 146.000	OSCAR Sub-bands (200 Khz)
146.010 - 146.505	FM Repeater Inputs (495 Khz)
146.400 - 146.595	FM Voice Simplex (195 Khz)
146.610 - 147.390	FM Repeater Outputs (780 Khz)
147.600 - 147.990	FM Repeater Inputs (390 KHz)

2-Meter Repeater Subband 144.10-145.50 MHz

(20 Repeater Pairs) 20 KHz spacing between Channels (600 KHz in/out)

144.510 - 145.110	144.610 - 145.210	144.710 - 145.310	144.810 - 145.410
144.530 - 145.130	144.630 - 145.230	144.730 - 145.330	144.830 - 145.430
144.550 - 145.150	144.650 - 145.250	144,750 - 145.350	144.850 - 145.450
144.570 - 145.170	144.670 - 145.270	144.770 - 145.370	144.870 - 145.470
144.590 - 145.190	144.690 - 145.290	144.790 - 145.390	144.890 - 145.490

2-Meter Standard Repeater Band 146-148 Mhz

(68 Repeater pairs) 15 khz. spacing between channels (600 KHz in/out)

146.010 - 146.610	146.265 - 146.865	147.405 - 146.805	147.750 - 147.150
146.025 - 146.625	146.280 - 146.880	147.420 - 146.820	147.765 - 147.165
146.040 - 146.640	146.295 - 146.895	147.435 - 146.835	147.780 - 147.180
146.055 - 146.655	146.310 - 146.910	147.450 - 146.850	147.795 - 147.195
146.070 - 146.670	146.325 - 146.925	147.465 - 146.865	147.810 - 147.210
146.085 - 146.685	146.340 - 146.940	147.480 - 146.880	147.825 - 147.225
146.100 - 146.700	146.355 - 146.955	147.495 - 146.895	147.840 - 147.240
146.115 - 146.715	146.370 - 146.970	147.600 - 147.000	147.855 - 147.255
146.130 - 146.730	146.385 - 146.985	147.615 - 147.015	147.870 - 147.270
146.145 - 146.745	146.400 - 147.000	147.630 - 147.030	147.885 - 147.285
146.160 - 146.760	146.415 - 147.015	147.645 - 147.045	147.900 - 147.300
146.175 - 146.775	146.430 - 147.030	147.660 - 147.060	147.915 - 147.315
146.190 - 146.790	146.445 - 147.045	147.675 - 147.075	147.930 - 147.330
146.205 - 146.805	146.460 - 147.060	147.690 - 147.090	147.945 - 147.345
146.220 - 146.820	146.475 - 147.075	147.705 - 147.105	147.960 - 147.360
146.235 - 146.835	146.490 - 147.090	147.720 - 147.120	147.975 - 147.375
146.250 - 146.850	146.505 - 147.105	147.735 - 147.135	147.990 - 147.390

2-Meter Digital/Packet Simplex Frequencies

144.910 144.930 144.950 144.970 144.990 145.010 145.030 145.050
145.070 145.090 145.510 145.530 145.550 145.570 145.590 145.610
145.630 145.650 145.670 145.690 145.710 145.730 145.750 145.770
145.790

2-Meter FM Voice Simplex Frequencies

146.400* 146.415* 146.430* 146.445* 146.460* 146.475* 146.490* 146.505*
146.520 146.535 146.550 146.565 146.580 146.595 147.405* 147.420*
147.435* 147.450* 147.465* 147.480* 147.495* 147.510 147.525 147.540
147.555 147.570 147.585

IMPORTANT NOTE: (*) Permitted unless would cause interference to repeater inputs - Please be aware that SERA coordinates some of these frequencies as repeater inputs in some areas. Check the repeater directory for your area.

10 - METERS (29.30 - 29.68 MHZ)

SERA 10 METER FREQUENCY UTILIZATION PLAN

29.300 - 29.500	OSCAR (satellites) (200 Khz)
29.600	SIMPLEX
29.520 - 29.580	Repeater Inputs
29.620 - 29.680	Repeater Outputs (600 Khz.

10M Repeater Pairs (100 Khz in/out) (20 Khz Chan.Spacing)

29.520 - 29.620 29.540 - 29.640 29.560 - 29.660 29.580 - 29.680

6 - METERS (50.00 - 54.00 MHZ)

SERA 6 METER FREQUENCY UTILIZATION PLAN

50.000 - 50.100	CW and Beacons
50.060 - 50.080	Automatic Control Beacons
50.100 - 50.600	SSB & AM
50.110	SSB DX Calling Frequency
50.200	SSB National Calling Frequency
50.400	AM Calling Frequency
50.600 - 51.000	Experimental/Special Modes
50.700 -	RTTY Calling Frequency
50.800 - 50.980	R/C Model Radio Control
51.000 - 51.100	Pacific DX Window
51.100 - 52.000	FM Simplex
52.000 - 52.050	Pacific DX Window
52.000 - 54.000	FM Repeater and Simplex

6-meter Repeater Pairs 52.01-53.99 MHz

(47 Repeater Pairs) 20 khz spacing between channels (1 Mhz in/out)

52.010 - 53.010	52.250 - 53.250	52.550 - 53.550	52.790 - 53.790
52.030 - 53.030	52.270 - 53.270	52.570 - 53.570	52.810 - 53.810
52.050 - 53.050	52.290 - 53.290	52.590 - 53.590	52.830 - 53.830
52.070 - 53.070	52.310 - 53.310	52.610 - 53.610	52.850 - 53.850
52.090 - 53.090	52.330 - 53.330	52.630 - 53.630	52.870 - 53.870
52.110 - 53.110	52.350 - 53.350	52.650 - 53.650	52.890 - 53.890
52.130 - 53.130	52.370 - 53.370	52.670 - 53.670	52.910 - 53.910
52.150 - 53.150	52.390 - 53.390	52.690 - 53.690	52.930 - 53.930
52.170 - 53.170	52.410 - 53.410	52.710 - 53.710	52.950 - 53.950
52.190 - 53.190	52.430 - 53.430	52.730 - 53.730	52.970 - 53.970
52.210 - 53.210	52.450 - 53.450	52.750 - 53.750	52.990 - 53.990
52.230 - 53.230	52.470 - 53.470	52.770 - 53.770	

6 Meter FM Simplex Frequencies

52.49 52.51 52.525 (Nat'l Simplex Calling Freq)

1-1/4 - METERS (222.00 - 225.00 MHZ)

SERA 220 MHZ FREQUENCY UTILIZATION PLAN

222.000 - 222.015	Guard Channel (15 Khz)
222.015 - 222.050	EME - (Earth/Moon/Earth) (50 Khz)
222.050 - 222.060	Propagation Beacons (10 Khz)
222.060 - 222.100	Weak Signal CW/Experimental (40 Khz)
222.100 -	CW/SSB Calling Frequency
222.100 - 222.200	Weak Signal CW/SSB (100 Khz)
222.200 - 222.350	Repeater Control/Link Frequencies (150 Khz)
222.350 - 222.450	Hi Speed Digital with 222.40 Center (100 Khz)
222.450 - 222.460	Propogation Beacons (10 Khz)
222.460 - 222.490	EME/Weak Signal/Experimental (30 Khz)
222.490 - 222.500	Guard Channel (10 Khz)
222.500 - 223.380	Repeater Inputs (20 Khz Channel Spacing)
223.380 - 223.420	Guard Channel (10 Khz)
223.420 - 223.640	FM Simplex (Voice or Digital) (220 Khz)
223.640 - 223.660	Guard Channel (10 Khz)
223.660 - 223.780	Digital Channels 20 khz spaced (120 Khz)
223.780 - 223.800	Guard Channel (10 Khz)
223.800 - 223.900	Hi Speed Digital with 223.85 Center (100 Khz)
223.900 - 223.920	Guard Channel (10 Khz)
223.920 - 224.980	FM Repeater Outputs (45 Channels)
224.980 - 225.000	Guard Channel (10 Khz)

220 MHZ Repeater Pairs 222.50-224.98 MHz

(45 Repeater Pairs) 20 khz. spacing between channels (1.6 MHz in/out)

222.500 - 224.100	222.740 - 224.340	222.960 - 224.560	223.180 - 224.780
222.520 - 224.120	222.760 - 224.360	222.980 - 224.580	223.200 - 224.800
222.540 - 224.140	222.780 - 224.380	223.000 - 224.600	223.220 - 224.820
222.560 - 224.160	222.800 - 224.400	223.020 - 224.620	223.240 - 224.840
222.580 - 224.180	222.820 - 224.420	223.040 - 224.640	223.260 - 224.860
222.600 - 224.200	222.840 - 224.440	223.060 - 224.660	223.280 - 224.880
222.620 - 224.220	222.860 - 224.460	223.080 - 224.680	223.300 - 224.900
222.640 - 224.240	222.880 - 224.480	223.100 - 224.700	223.320 - 224.920
222.660 - 224.260	222.900 - 224.500	223.120 - 224.720	223.340 - 224.940
222.680 - 224.280	222.920 - 224.520	223.140 - 224.740	223.360 - 224.960
222.700 - 224.300	222.940 - 224.540	223.160 - 224.760	223.380 - 224.980
222.720 - 224.320			

222 Mhz. FM Voice Simplex Frequencies

223.420 223.440 223.460 223.480 223.500 223.520 223.540 223.560
223.580 223.600 223.620 223.640 223.800 223.820 223.840 223.860
223.880 223.900

220 Mhz. Packet/Digital Simplex Frequencies

223.660 223.680 223.700 223.720 223.740 223.760 223.780

Hi-Speed Digital Channels (100 Khz. Wide)

222.35 - 222.45 (222.40 Center) & 223.80 - 223.90 (223.85 Center)

SERA 70 cm (420-450 MHZ) Frequency Utilization Plan

SERA 70 Centimeter - 440 MHZ Frequency Utilitization Plan

420.0000-420.2000	Repeater Links
420.0000-426.0000	ATV Repeater Output w/421.25 Video, 425.75 Audio
426.0000-432.0000	ATV Simplex Only w/427.25 Video, 431.75 Audio
432.0000-433.0000	Weak Signal (432.100 Calling Frequency)
433.0125-433.2000	Repeater Links
433.0000-439.0000	ATV Simplex Only w/434.00 Video, 438.5 Audio
438.7750-439.5875	Repeater Links
439.6000-440.4750	FM Digital/Packet Operation
440.5125-440.7250	NB Digital Repeater Outputs/Duplex Backbones/Link Outputs
440.7375-440.9000	Simplex cross-band voice - base
440.9125-441.1750	Simplex digital
441.1875-441.4875	Links, Control Frequencies
441.5000	Simplex Digital
441.5125-441.9875	Limited Coverage FM Repeater Outputs/Duplexed Links
442.0000-444.9750	FM Repeater Outputs
445.0250-445.4750	Digital
445.5125-445.7250	Digital Repeater Inputs
445.7375-445.9000	Simplex cross-band voice - mobile
445.9125-446.1750	FM Simplex (446.00 National FM Simplex Frequency)
446.1875-446.4875	Links, Control Frequencies
446.5000	Simplex Digital
446.5125-446.9875	Limited Coverage FM Repeater Inputs/Duplexed Links
447.0000-449.9750	FM Repeater Inputs

70 cm Standard FM Repeater Pairs 447.000-449.975

(120 Channels) 25 khz spacing between channels (5 mhz in/out)

447.000-442.000	447.750-442.750	448.500-443.500	449.250-444.250
447.025-442.025	447.775-442.775	448.525-443.525	449.275-444.275
447.050-442.050	447.800-442.800	448.550-443.550	449.300-444.300
447.075-442.075	447.825-442.825	448.575-443.575	449.325-444.325
447.100-442.100	447.850-442.850	448.600-443.600	449.350-444.350
447.125-442.125	447.875-442.875	448.625-443.625	449.375-444.375
447.150-442.150	447.900-442.900	448.650-443.650	449.400-444.400
447.175-442.175	447.925-442.925	448.675-443.675	449.425-444.425
447.200-442.200	447.950-442.950	448.700-443.700	449.450-444.450
447.225-442.225	447.975-442.975	448.725-443.725	449.475-444.475
447.250-442.250	448.000-443.000	448.750-443.750	449.500-444.500
447.275-442.275	448.025-443.025	448.775-443.775	449.525-444.525
447.300-442.300	448.050-443.050	448.800-443.800	449.550-444.550
447.325-442.325	448.075-443.075	448.825-443.825	449.575-444.575
447.350-442.350	448.100-443.100	448.850-443.850	449.600-444.600
447.375-442.375	448.125-443.125	448.875-443.875	449.625-444.625
447.400-442.400	448.150-443.150	448.900-443.900	449.650-444.650
447.425-442.425	448.175-443.175	448.925-443.925	449.675-444.675
447.450-442.450	448.200-443.200	448.950-443.950	449.700-444.700
447.475-442.475	448.225-443.225	448.975-443.975	449.725-444.725
447.500-442.500	448.250-443.250	449.000-444.000	449.750-444.750
447.525-442.525	448.275-443.275	449.025-444.025	449.775-444.775
447.550-442.550	448.300-443.300	449.050-444.050	449.800-444.800
447.575-442.575	448.325-443.325	449.075-444.075	449.825-444.825
447.600-442.600	448.350-443.350	449.100-444.100	449.850-444.850
447.625-442.625	448.375-443.375	449.125-444.125	449.875-444.875
447.650-442.650	448.400-443.400	449.150-444.150	449.900-444.900
447.675-442.675	448.425-443.425	449.175-444.175	449.925-444.925
447.700-442.700	448.450-443.450	449.200-444.200	449.950-444.950
447.725-442.725	448.475-448.475	449.225-444.225	449.975-444.975

70 cm Limited Coverage FM Repeater Band

(19 Repeater pairs) 15 khz. spacing between channels (600 Khz in/out)
Max 100W ERP, Less than 100-Ft HAAT, Coordinated CTCSS or DPL Tone

446.525-441.525	446.650-441.650	446.775-441.775	446.900-441.900
446.550-441.550	446.675-441.675	446.800-441.800	446.925-441.925
446.575-441.575	446.700-441.700	446.825-441.825	446.950-441.950
446.600-441.600	446.725-441.725	446.850-441.850	446.975-441.975
446.625-441.625	446.750-441.750	446.875-441.875	

70 cm Voice FM Simplex Frequencies

445.9125	445.9250	445.9375	445.9500	445.9625	445.9750	445.9875
446.0000	446.0125	446.0250	446.0375	446.0500	446.0625	446.0750
446.0875	446.1000	446.1125	446.1250	446.1375	446.1500	446.1625
446.1750						

446.0000 is the National FM Voice Simplex Calling Frequency.

70 cm NBFM Digital Repeater/Digital Duplex Backbones

18 Duplex Channels, 12.5 Khz splits, (5 Mhz In/Out - Hi In - Lo Out)

445.5125-440.5125	445.5750-440.5750	445.6375-440.6375	445.7000-440.7000
445.5250-440.5250	445.5875-440.5875	445.6500-440.6500	445.7125-440.7125
445.5375-440.5375	445.6000-440.6000	445.6625-440.6625	445.7250-440.7250
445.5500-440.5500	445.6125-440.6125	445.6750-440.6750	
445.5625-440.5625	445.6250-440.6250	445.6875-440.6875	

70 cm Wide Band Digital Duplex Backbones/Links

19 Duplex Channels, Mixed 50 & 100 Khz. (5 Mhz In/Out - Hi In - Lo Out). Check detailed plan for polarization.

445.0250-440.0250	445.1500-440.1500	445.2750-440.2750	445.4000-440.4000
445.0500-440.0500	445.1750-440.1750	445.3000-440.3000	445.4250-440.4250
445.0750-440.0750	445.2000-440.2000	445.3250-440.3250	445.4500-440.4500
445.1000-440.1000	445.2250-440.2250	445.3500-440.3500	445.4750-440.4750
445.1250-440.1250	445.2500-440.2500	445.3750-440.3750	

70 cm Link & Control Channels (NBFM)

May be paired on 70 cm, or individually paired with 222 Mhz band fixed link frequency. May be individually coordinated. Some may be coordinated as simplex remote-base or remote control systems.

446.1875-441.1875	446.2750-441.2750	446.3625-441.3625	446.4500-441.4500
446.2000-441.2000	446.2875-441.2875	446.3750-441.3750	446.4625-441.4625
446.2125-441.2125	446.3000-441.3000	446.3875-441.3875	446.4750-441.4750
446.2250-441.2250	446.3125-441.3125	446.4000-441.4000	446.4875-441.4875
446.2375-441.2375	446.3250-441.3250	446.4125-441.4125	
446.2500-441.2500	446.3375-441.3375	446.4250-441.4250	
446.2625-441.2625	446.3500-441.3500	446.4375-441.4375	

70 cm Link Channels (NBFM)

These link channels share designated ATV Bandwidths using horizontal antenna polarity. These frequencies will be coordinated with a maximum 25 W ERP and directional antenna systems.

420.0125	420.0250	420.0375	420.0500	420.0625	420.0750	420.0875
420.1000	420.1125	420.1250	420.1375	420.1500	420.1625	420.1750
420.1875	420.2000	433.0125	433.0250	433.0375	433.0500	433.0625
433.0750	433.0875	433.1000	433.1125	433.1250	433.1375	433.1500
433.1625	433.1750	433.1875	433.2000	438.7750	438.7875	438.8000
438.8125	438.8250	438.8375	438.8500	438.8625	438.8750	438.8875
438.9000	438.9125	438.9250	438.9375	438.9500	438.9625	438.9750
438.9875	439.0000*	439.0125*	439.0250*	439.0375*	439.0500*	439.0625*
439.0750*	439.0875*	439.1000*	439.1125*	439.1250*	439.1375*	439.1500*
439.1625*	439.1750*	439.1875*	439.2000*	439.2125*	439.2250*	439.2375*
439.2500*	439.2625*	439.2750*	439.2875*	439.3000*	439.3125*	439.3250*
439.3375*	439.3500*	439.3625*	439.3750*	439.3875*	439.4000*	439.4125*
439.4250*	439.4375*	439.4500*	439.4625*	439.4750*	439.4875*	439.5000*
439.5125*	439.5250*	439.5375*	439.5500*	439.5625*	439.5750*	439.5875*

* Link frequencies above 439 MHZ may use vertical polarity at the coordinator's discretion.

70 Centimeter FM Cross Band Repeat Simplex Channels For Fixed Stations ONLY.

14 Simplex Channels for Fixed Station 70 cm Cross Band Repeating (NBFM)

440.7375	440.7500	440.7625	440.7750	440.7875	440.8000	440.8125	
440.8250	440.8375	440.8500	440.8625	440.8750	440.8875	440.9000	

Channels For Mobile Stations ONLY.

14 Simplex Channels for Mobile Station 70 cm Cross Band Repeating (NBFM)

445.7375	445.7500	445.7625	445.7750	445.7875	445.8000	445.8125	
445.8250	445.8375	445.8500	445.8625	445.8750	445.8875	445.9000	

70 cm NBFM Digital/Packet Simplex Frequencies

440.9125	440.9250	440.9375	440.9500	440.9625	440.9750	440.9875	
441.0000	441.0125	441.0250	441.0375	441.0500	441.0625	441.0750	
441.0875	441.1000	441.1125	441.1250	441.1375	441.1500	441.1625	
441.1750							

441.000 is the National FM Digital Simplex Calling Frequency

Contact SERA for a detailed four-page plan and for information about the need for possible coordination before installing any dedicated system. Most simplex voice and digital operations are itinerant in nature, as as such will not be coordinated. Simplex cross-band voice, as is possible with most over-the-counter dual-band rigs, is also generally itinerant in nature and will not be coordinated.

More Virginia Repeaters . . .

WARSAW	KA4ZIP	147.930	147.330 *	E
WAYNESBORO	W4PNT	147.675	147.075 *	BELP
WILLIAMSBURG	K2QIJ	144.810	145.410 *	ABELT127.3
WILLIAMSBURG	W4NTG	146.070	146.670 *	ABE
WILLIAMSBURG	KB4ZIN	146.160	146.760 *	ABE
WINCHESTER	N4RAG	144.610	145.210 M	MT131.8
WINCHESTER	W4RKC	146.220	146.820 *	ME
WISE	KC4MAI	146.265	146.865 *	AE
WOODBRIDGE	WB4FQR	147.840	147.240 M	MA
WYTHEVILLE	WB3T	146.175	146.775 *	AEL
WYTHEVILLE/BLAND	WB3T	146.295	146.895 *	BLRT103.5

220 MHZ

ALEXANDRIA	WA4CCF	223.220	224.820 M	ML
ARLINGTON	KI4MB	222.460	224.060 M	M
BEDFORD	N4PLV	223.240	224.840 *	B
BEDFORD/APL ORCH	WA1ZMS	222.580	224.180 *	BLT100.0
BLUEFIELD	N8LGA	223.320	224.920 *	
CHARLOTTESVILLE	KB4YQC	222.540	224.140 *	BCPT
CHARLOTTESVILLE	WA4TFZ	223.160	224.760 *	
DELTAVILLE	AA4HQ	223.300	224.900 *	AEB
FAIRFAX	WB4YHD	222.500	224.100 M	ML
FALLS CHURCH	N4CHP	223.380	224.980 M	MP
GLOUCESTER PT.	N4THN	223.020	224.620 N	BEP
HAMPDEN-SYDNEY	WB4PEA	222.600	224.200 N	O
HAMPTON	WB4PVT	223.260	224.860 N	
LAKE GASTON	WA4HMT	223.000	224.600 N	O
LEESBURG	WA4TXE	222.420	224.020 M	M
LOVETTSVILLE	WB4FUJ	222.860	224.460 M	MC
LYNCHBURG	AB4M	222.680	224.280 *	P
MANASSAS	KB4CVL	222.740	224.340 M	M
MANASSAS	WA4FPM	223.060	224.660 M	MBLPE
MARTINSVILLE	WB4YJC	222.900	224.500 *	P
NORTON/HIGH KNOB	WD4GSM	222.820	224.420 *	B
PATRICK SPRINGS	KN4DE	222.820	224.420 *	PROPOSED
PEARISBURG	KJ4QQ	223.260	224.860 N	PROPOSED
PETERSBURG	K4ARO	223.100	224.700 N	
RICHMOND	WA4ONG	222.920	224.520 N	K
RIDGEWAY	AA4QT	222.780	224.380 *	BRT
ROANOKE	WB4DBB	222.500	224.100 *	L
ROANOKE/CAHAS MT	AB4EM	223.340	224.940 *	
ROANOKE/TINKER	K4YDG	223.300	224.900 N	B
SINGERS GLEN	K4SAD	223.220	224.820 M	MC
#STAUNTON	N4RAG	223.140	224.740 N	UNCOORD.
STAUNTON/EL KNOB	WD4FOZ	222.700	224.300 N	T
STERLING	WD4KHP	222.120	223.720 M	M
STUART	WB4GUG	222.600	224.200 *	T107.2
TYSONS CORNER	WD4KHP	222.820	224.420 M	MT
TYSONS CORNER	WD4KHP	223.120	224.720 M	M
VIENNA	K4HTA	222.340	223.940 M	M
VIRGINIA BEACH	N4WQJ	223.140	224.740 N	
WAYNESBORO	KC4MZN	222.620	224.220 *	PT
WAYNESBORO	KA4RCL	223.080	224.680 *	T131.8
WOODBRIDGE	WB4GJZ	223.180	224.780 M	M

440 MHZ

ABINGDON	KB8KSP	447.975	442.975 *	B
ALEXANDRIA	W4HFH	449.600	444.600 M	M
ALTAVISTA	WA4ISI	449.425	444.425 *	B
ARLINGTON	KA4DCS	444.875	449.875 M	M
ARLINGTON	KI4MB	449.150	444.150 M	M
BEDFORD	WB4DBB	449.350	444.350 *	L
BEDFORD/APL ORCH	WA1ZMS	447.650	442.650 *	BLT100.0
BEDFORD/APL ORCH	WA1ZMS	448.800	443.800 *	BT100.0
BIG "A" MTN	KB4WTP	449.875	444.875 *	
BLUEFIELD	WZ8E	448.625	443.625 *	BL
BLUEFIELD	W8MOP	449.450	444.450 *	BR
BLUEFIELD	WZ8E	449.625	444.625 *	OPL
BLUEMONT	WA4TSC	444.925	449.925 M	M
CHANTILLY	K4HTA	443.375	448.375 M	MC
CHARLOTTESVILLE	WA4TFZ	449.250	444.250 *	
CHESAPEAKE	KB4NKO	448.100	443.100 N	
CHESAPEAKE	K4NDH	448.800	443.800 N	P
CHESAPEAKE	N4EVG	448.900	443.900 *	PE
COVINGTON	WA4HTI	447.250	442.250 *	O
DANVILLE	KQ4UU	448.850	443.850 *	B
DANVILLE/WHT OAK	KM4AU	449.700	444.700 *	PROPOSED
ENON	WB4VWR	449.200	444.200 *	R
FAIRFAX	WD4KHP	444.775	449.775 M	MCL
FALLS CHURCH	N4EFK	449.300	444.300 M	M
FALLS CHURCH	K8ZOA	449.450	444.450 M	ML
FANCY GAP	N4OWU	449.375	444.375 *	T107.2
FANCY GAP	N4XFY	449.900	444.900 *	RPB
FARMVILLE	KB4TLZ	448.525	443.525 N	PROPOSED
FOREST	KC4RBA	448.450	443.450 *	BPR
FOREST	W8CXD	448.600	443.600 *	T136.5
FOREST	WD4KQI	449.750	444.750 *	A
GASBURG	WA4HMT	447.000	442.000 N	C
GATE CITY	N4WWB	449.700	444.700 *	ABL
GREAT FALLS	N3AVA	449.050	444.050 M	M
GRETNA/SMITH MT	KD4TBC	449.075	444.075 *	BP
GUM SPRING	KB4MIC	447.800	442.800 *	
HAMPTON	K4UMI	448.650	443.650 N	
HAMPTON	K4OGT	449.550	444.550 *	EPT167.9
HILLSVILLE	KB4YFV	447.125	442.125 N	PROPOSED
INDEPENDNCE HILL	AA4VA	448.800	443.800 M	M
LEXNGTN/ROCK MT.	KI4ZR	449.150	444.150 *	
LORTON	WD4KHP	444.725	449.725 M	ML
LYNCHBG/JACK MT.	KF4YI	447.400	442.400 *	P
LYNCHBURG	AB4FU	447.950	442.950 *	PT
LYNCHBURG	WA4RTS	449.550	444.550 *	T136.5
LYNCHBURG/TOBRMT	K4HEX	449.500	444.500 *	R
MADISON	N8HON	449.400	444.400 M	MBL
MANASSAS	WD4JCE	444.225	449.225 M	ML
MAPPSVILLE	KD4NVM	449.300	444.300 N	PROPOSED
MARTINSVILLE	KD4CRM	447.175	442.175 *	OBT88.5
MT. VERNON	WA5ZAI	449.500	444.500 M	M
NORFOLK	AD4ZK	449.475	444.475 *	B
NORFOLK	WD4MIZ	449.675	444.675 *	B
NORTON/HIGH KNOB	WA4NDQ	449.850	444.850 *	BLRT103.5
OILVILLE	KB4MIC	449.800	444.800 *	P
PATRICK SPRINGS	KN4DE	448.175	443.175 *	PROPOSED
PEARISBURG	N4AZJ	449.975	444.975 *	T103.5
PETERSBURG	K4ARO	447.600	442.600 N	PROPOSED
PETERSBURG	WB4KZI	448.825	443.825 *	B
PORTSMOUTH	KK4SN	449.000	444.000 *	AE
POWHATAN	KN4YM	448.100	443.100 N	
PULASKI	KE4CIF	447.775	442.775 N	B
RICHMOND	KC4VDZ	447.300	442.300 *	
RICHMOND	WA4ZBE	447.550	442.550 *	O
RICHMOND	N4LFU	448.350	443.350 N	B
RICHMOND	K4ARO	449.850	444.850 N	
RICHMOND/CHARVLE	N4EHJ	449.650	444.650 *	B
ROANOKE	K4ARO	447.600	442.600 N	PROPOSED
ROANOKE/AIRPORT	WD4KZK	448.750	443.750 *	ALRT
ROANOKE/POOR MT	W4CA	447.500	442.500 *	BEP
ROANOKE/POOR MT.	N4VG	447.700	442.700 *	
ROANOKE/POOR MT.	WB8BON	448.650	443.650 *	C
ROANOKE/POOR MTN	KA4IXK	447.850	442.850 *	B
ROANOKE/READ MTN	WD4KZK	449.850	444.850 *	BLRT114.8
ROANOKE/TINKER M	WB8BON	449.925	444.925 *	B
SINGERS GLEN	K4SAD	449.600	444.600 M	MC
SMITHFIELD	KF4ADJ	448.550	443.550 *	ABLT100.0
SOUTH BOSTON	AB4YR	448.925	443.925 *	
SPRINGFIELD	WD4KHP	444.825	449.825 M	MT
STAFFORD	KB4OB	448.850	443.850 M	MBP
STAUNTON	WA4ZBP	449.825	444.825 *	
STAUNTON	W4WRN	449.950	444.950 N	
STAUNTON/EL KNOB	WD4FOZ	449.100	444.100 *	T131.8
STERLING	WA4TXE	447.100	442.100 M	MLP
STERLING	WA4TXE	447.200	442.200 M	M
STUART	WB4GUG	447.225	442.225 *	T107.2
STUARTS DRAFT	KB4OLM	449.050	444.050 *	BELP
THE PENTAGON	K4AF	449.550	444.550 M	MT
TYSONS CORNER	KM4FI	448.500	443.500 M	M
TYSONS CORNER	K4JYF	449.750	444.750 M	M
VIENNA	N4KOU	449.850	444.850 M	M
VIRGINIA BEACH	WA4KXV	449.950	444.950 *	E
WHITETOP MTN	KM4X	448.000	443.000 *	BT103.5
WILLIAMSBURG	W4NTG	448.950	443.950 *	O
WILLIAMSBURG	KB4ZIN	449.100	444.100 *	B
WILLIS	W4DUM	448.875	443.875 *	B
WINCHESTER	N8JO	444.175	449.175 M	M
WINCHESTER	W3CSG	447.000	442.000 M	M
WOODBRIDGE	KA4DCS	444.875	449.875 M	M
WOODBRIDGE	N4LJZ	448.100	443.100 M	M
WOODBRIDGE	WB4FQR	449.900	444.900 M	M
WOODFORD	WA4SDE	443.975	448.975 M	M
WYTHE/WALKER MTN	WB3T	447.000	442.000 *	ABLRT103.5
WYTHEVILLE/SAND	WB3T	449.325	444.325 *	T103.5

920 MHZ

ALEXANDRIA	WA4CCF	907.600	919.600 M	M
BEDFORD/APL ORCH	WA1ZMS	909.100	921.100 *	BLT100.0
LYNCHBURG/TOBRMT	KB4OSI	909.000	921.000 N	T100.0
ROANOKE	KM4TT	908.900	920.900 *	PT123.0

1270 MHZ

ALEXANDRIA	WA4CCF	1270.600	1282.600	M M
BEDFORD/APL ORCH	WA1ZMS	1271.100	1291.100	* BLT100.0
MCLEAN	K6LEW	1272.100	1292.100	M M
ROANOKE/POOR MTN	WB4DBB	1271.020	1291.020	*
TYSONS CORNER	WR4S	1272.000	1292.000	M MB

ATV REPEATERS

ALEXANDRIA	WA9GVK	426.250	911.250 M	MVL
ALEXANDRIA	WA9GVK	426.250	439.250 M	MV
LYNCHBURG	K4HEX	426.250	923.250 *	V
ROANOKE/POOR MT.	N4FHL	426.250	439.250 N	V
WAYNESBORO	KA5NOJ	439.250	426.250 *	V

WEST VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

BECKLEY	KA8OTX	29.520	29.620 *		
BERKELEY SPRINGS	KK3L	29.520	29.620 M	ML	
#CHARLESTON	WB8CQV	29.540	29.640 N	UNCOORD.	

6 METERS

CHARLESTON	WB8YST	52.630	53.630 *	BP	
FLATWOODS	N8ZVK	52.110	53.110 N	PROPOSED	
MARMET/CHARLESTON	N8PEI	52.750	53.750 N	BT141.3	

2 METERS

AMBER RIDGE	KB8NJH	147.810	147.210 *	B
BARTOW	KB8SLH	144.510	145.110 N	PROPOSED
BECKLEY/BOLT	WF1G	144.570	145.170 *	AL
BECKLEY/EOC	N8TNB	144.770	145.370 *	AL
BECKLEY/FLAT TOP	WA8WDK	146.250	146.850 N	L
BECKLEY/LAYLAND	N8FCJ	144.710	145.310 *	AL
BECKLEY/OAK HILL	N8FWL	144.630	145.230 *	BLT
BERKELEY SPRINGS	KK3L	144.990	29.620 M	ML
BERKELEY SPRINGS	KK3L	146.145	146.745 M	MB
BLUEFIELD	W8MOP	144.890	145.490 *	BP
BRIDGEPORT	WB8DKM	147.720	147.120 *	PT
BUCKHANNON	N8FHE	144.810	145.410 *	A
BUCKHANNON	N8ZAR	146.250	146.850 *	B
BUCKHANNON	N8ZAR	147.660	147.060 *	ABELRT123.0
CHARLES TOWN	N8EIV	146.385	146.985 M	MT-NIGHT
CHARLESTON	W8GK	144.750	145.350 N	BEP
CHARLESTON	WS8L	144.830	145.430 *	P
CHARLESTON	WB8IFS	146.220	146.820 N	AE
CHARLESTON	KB8LFJ	146.445	147.045 N	PROPOSED
CLARKSBURG	N8FMD	146.085	146.685 *	LT103.5
CLARKSBURG	N8FMD	147.810	147.210 *	EPT103.5
CLAY	KA8SVN	144.550	145.150 N	PROPOSED
CRAIGSVILLE	N8FMD	144.670	145.270 *	LT103.5
DANVILLE	N8TXQ	146.085	146.685 *	PROPOSED
DAVIS	KE8MR	147.735	147.135 *	LT103.5
ELKINS	KB8BWZ	146.175	146.775 N	
FAIRMONT	W8SP	144.750	145.350 N	A
FENWICK	KD8AB	146.340	146.940 N	
FLAT TOP/WINTRPL	WF1G	146.025	146.625 *	A
FLATWOODS	N8ZPX	146.055	146.655 *	
FRANKLIN	W3RUA	147.945	147.345 *	B
GASSAWAY	WB8MZI	146.010	146.610 N	
GLENVILLE	KB8EUN	144.530	145.130 *	PROPOSED
GLENVILLE	KA8ZXP	144.690	145.290 *	ABELR
GRAFTON	WD8LNB	147.975	147.375 *	
GRANTSVILLE	N8LGY	144.850	145.450 N	PE
HARRISVL/PENSBRO	WB8NSL	147.900	147.300 N	
HINTON	KB8EQC	147.855	147.255 *	AB
HORSEPEN MT	NV8H	147.795	147.195 *	PL
HUNTINGTON	WB8FEQ	144.610	145.210 N	BP
HUNTINGTON	W8VA	146.160	146.760 *	PEL
HUNTINGTON/CHAS	WB8EZR	146.040	146.640 *	ER
LEON	WD8OHX	147.780	147.180 N	BP
LEWISBURG	WB8SPW	146.130	146.730 *	P
LEWISBURG	WV8D	147.990	147.390 *	
LIBERTY	W8HYX	144.810	145.410 *	
LOGAN/SUMERCO	NU8K	147.945	147.345 *	PL
LOGAN/WARD RK MT.	KJ8E	146.370	146.970 *	PL
MADISON	N8TXQ	147.720	147.120 *	BEPT
MARTINSBURG	WA8FSE	144.550	145.150 M	MB
MARTINSBURG	WB8YZV	147.855	147.255 M	M
MCMECHEN	KC8CS	146.310	146.910 *	
MIDDLEBOURNE	KA8GOH	147.960	147.360 *	PROPOSED
MORGANTOWN	K8LG	144.830	145.430 N	AL
MORGANTOWN	W8CUL	146.160	146.760 *	B
MORGANTOWN	KE8MR	147.675	147.075 N	AELRP
MULLENS	KC8IT	147.630	147.030 *	R
NEW MARTINSVILE	KF8LL	146.385	146.985 *	AB
OAK HILL	NM8T	146.190	146.790 N	E
PARKERSBURG	WV8G	144.890	145.490 *	AB
PARKERSBURG	WA8LLM	147.855	147.255 *	AB
PARKERSBURG	WD8CYV	147.990	147.390 N	B
PARKERSBURG (OH)	WF8U	146.145	146.745 *	ABER
PARKERSBURG (OH)	N8NBL	146.370	146.970 N	A(OHIO)
PARSONS	K8VNQ	144.770	145.370 *	ABET118.8
PRINCETON	KA8PNC	146.460	147.060 *	P
PRINCETON	WB8NRK	147.825	147.225 *	BP
PRINCETON/PIPEST	WD8OGY	146.325	146.925 N	
RAVENSWOOD	WD8JNU	146.070	146.670 N	P
RAVENSWOOD	WD8JNU	146.100	146.700 N	R
RICHWOOD	WB8YJJ	144.590	145.190 N	B
RICHWOOD	W8FG	144.870	145.470 N	
RICHWOOD	AA8TH	147.615	147.015 N	PROPOSED
SALT ROCK	WD8MCR	144.510	145.110 N	
SCOTT DEPOT	WC8S	147.870	147.270 *	ELRP
SHERRARD	KD8GL	146.115	146.715 *	EPL
SO. CHARLESTON	WB8CQV	146.280	146.880 N	L
SOUTH CHARLESTON	KB8ODO	144.650	145.250 N	P
SPENCER	WT8Z	147.705	147.105 N	
SPRUCE KNOB	N8HON	147.885	147.285 *	L
ST ALBANS	K8WMX	146.400	147.000 *	B
ST ALBANS	KA8SVR	147.750	147.150 N	BELRP
ST ALBANS	K8WMX	147.975	147.375 *	Y
ST MARYS/BENS R	WB8ECC	147.630	147.030 N	L
TERRA ALTA	KD8ZR	147.600	147.000 *	AE
UNION	KB8CM	144.810	145.410 *	
UPPER TRACT	KB8BUC	146.055	146.655 *	OB
WEIRTON	W8CWO	146.340	146.940 N	ABEP
WELCH	WB8SXZ	144.850	145.450 N	
WESTON	WD8EOM	144.790	145.390 N	P
WESTON	WC8K	147.765	147.165 N	BR
WHEELING	WB8JGY	144.590	145.190 N	PL
WHEELING	W8ZQ	146.160	146.760 *	B
WILLIAMSON	WR8M	144.730	145.330 *	AR

220 MHZ

BECKLEY	N8FWL	222.640	224.240 *	PROPOSED
CHARLESTON	WB8YST	222.760	224.360 *	BRPT
FLAT TOP/WINTRPL	WF1G	222.520	224.120 *	A

#LEON	WD8OHX	222.180	223.780 N	UNCOORD.
WILLIAMSON	WR8M	222.540	224.140 *	

440 MHZ

ALDERSON	WF1G	449.400	444.400 *	O
BECKLEY	N8FWL	448.475	443.475 *	PROPOSED
BECKLEY/BOLT	AA8BS	447.300	442.300 *	RB
BECKLEY/OAK HILL	WF1G	449.800	444.800 *	R
BELINGTON	N8SCS	449.900	444.900 N	
BLUEFIELD	W8MOP	449.450	444.450 *	BR
BUCKHANNON	N8FHE	448.100	443.100 *	L
BUCKHANNON	N8ZAR	449.250	444.250 *	ABELR
BUCKHANNON	WV8Y	449.500	444.500 N	BR
CHARLESTON	WB8YST	449.350	444.350 *	BR
CHARLESTON	WS8L	449.750	444.750 *	BL
CLARKSBURG	N8FMD	449.175	444.175 *	T103.5
ELKINS	WJ8G	449.850	444.850 *	T103.5
FAIRMONT	W8SP	448.875	443.875 N	A
FLATWOODS	N8ZVK	449.200	444.200 N	PROPOSED
GLENVILLE	KA8ZXP	449.325	444.325 *	
HUNTINGTON	KB8EHJ	447.575	442.575 *	PROPOSED
HUNTINGTON	WB8EZR	448.000	443.000 *	
HUNTINGTON/CHAS	AA8MR	449.850	444.850 *	PR
HURRICANE	K8OJC	449.075	444.075 *	
KEENY MTN	KF8FO	449.725	444.725 *	O
MORGANTOWN	K8LG	449.700	444.700 N	L
MORGANTOWN	W8CUL	449.800	444.800 *	B
MULLENS	KC8IT	449.000	444.000 *	AB
PINEVILLE	AA8BS	449.125	444.125 *	
SHIRLEY	KB8TJH	449.425	444.425 N	
SO. CHARLESTON	WB8CQV	449.950	444.950 N	RL
ST. ALBANS	K8MHR	448.150	443.150 N	BELP
WELCH	N8SNY	448.725	443.725 N	PROPOSED
WESTON	N8FIP	448.975	443.975 N	BR
WESTON	WC8K	449.600	444.600 N	C
WHEELING	KA8YEZ	448.025	443.025 *	PROPOSED
WHEELING	N8EKT	449.975	444.975 N	

FULL MEMBERS FROM NON-SERA STATES

2 METERS

DELTONA, FL	N3SBK	147.645	147.045 *	
PENSACOLA, FL	KD4APH	144.610	145.210 *	BL
WINFIELD, AL	KD4DTD	147.640	147.040 *	T192.8

440 MHZ

DALLAS, TX	KF5TU	447.350	442.350 *	T100.0
DELTONA, FL	N3SBK	447.925	442.925 *	
PENSACOLA, FL	KD4APH	449.200	444.200 *	BL

REPEATER INDEX LISTING BY FREQUENCY

6 METERS

52.550 / 51.550

WB4JEH	#CONYERS	GA

53.025 / 52.025

WB4LBR	LOUISVILLE	KY

52.525 / 52.525

K4AZA	THOMASVILLE	NC

52.010 / 53.010

WA4IBB	ASHLAND	KY
N5EKR	ELLISVILLE	MS
K4GFW	NEWPORT	NC
WB4LRD	CHATTANOOGA	TN
WB4NKM	GREENEVILLE	TN
WA4KOG	MEMPHIS	TN
WA4BGK	NASHVILLE	TN
KI4ZR	LEXNGTN/ROCK MT.	VA

52.030 / 53.030

K4EDU	AUGUSTA	GA
N1BEC	BALD CREEK	NC
WA4PEN	RALEIGH	NC

52.050 / 53.050

KC4JNN	#BISKEY MTN	GA
WB4UPC	PINE LOG MT	GA
N4JEH	ROCKY MOUNT	NC

52.070 / 53.070

WB4AEG	CARTERSVILLE	GA
KD4FWS	MOUNT AIRY	NC
WB4IUY	WENDELL	NC
KB4MIC	GUM SPRING	VA

52.090 / 53.090

KD4DKW	ATL/MARIETTA	GA
WB4PLA	MARS HILL	NC
WB8BON	ROANOKE/POOR MT	VA

52.110 / 53.110

N4XTF	GASTONIA/CROWDER	NC
WD4GYN	OAK RIDGE	TN
KB4YKV	AMELIA COURTHSE	VA
N8ZVK	FLATWOODS	WV

52.130 / 53.130

N4BZJ	DALTON	GA
WA4FOT	HENDERSONVILLE	NC
WB4GJG	DANVILLE(DCC)	VA

52.150 / 53.150

WB4IOB	KNXVL/ENG MT	TN
WB4DBB	BEDFORD/THAX MT	VA

52.170 / 53.170

N4RBT	CLEVELAND	GA
K4AZA	THOMASVILLE	NC

52.190 / 53.190

WA4UCE	COOKEVILLE	TN

52.210 / 53.210

N4QLX	SAURATOWN MT	NC
N4WWB	GATE CITY	VA

52.230 / 53.230

KD4JFN	#PITTSBORO	NC
KA4ZKL	GUTHRIE (TN/KY)	TN
KD4LP	MORRISTOWN	TN

52.250 / 53.250

WA4PEN	RALEIGH	NC
WA4YON	KNOXVILLE	TN
WB4DBB	ROANOKE	VA

52.270 / 53.270

N4DRL	BYHALIA	MS
KD4GEU	MARSHALL	NC
KC4GYM	GILBERT	SC

52.290 / 53.290

KE4PN	PINE LOG MT.	GA
WD4ICX	FANCY GAP	VA

52.310 / 53.310

KD4PVU	ROAN MTN	TN

52.330 / 53.330

KD4FVI	CRAWFORD	
AD4CC	HIGHLAND HEIGHTS	KY
N4ZHC	#CLINTON	NC

52.350 / 53.350

WB4WORSOPHIA/RANDLEMAN		NC
NU5O	MCNAIRY	TN

52.370 / 53.370

KD4MYE	YOUNGSVILLE	NC

52.390 / 53.390

WB3R	AMELIA	VA

52.410 / 53.410

WB4YXY	PICKENS	SC

52.430 / 53.430

KC4ZIZ	JULIETTE	GA

52.450 / 53.450

W4VWH	#HIGH HOUSE MTN	GA
KE4ZXZ	CHAPEL HILL	NC
WD4KWP	GALLATIN	TN

52.470 / 53.470

N4UOX	DOUGLASVILLE	GA
N4OOC	ASHEVILLE	NC
KE4JYN	PEARISBURG	VA

52.550 / 53.550

WB4JEH	CONYERS	GA
KD4JGT	KNOXVILLE	TN
K4RDK	MEMPHIS	TN

52.570 / 53.570

KD4AOZ	WATKINSVILLE	GA

52.630 / 53.630

WB8YST	CHARLESTON	WV

52.650 / 53.650

KC4SBJ	ROCKY MOUNT	NC

52.670 / 53.670

WA4WRS	STATESVILLE	NC

52.750 / 53.750

N8PEI	MARMET/CHARLESTO	WV

52.810 / 53.810

WD4KNE	STANTON	KY

52.890 / 53.890

KB0Y	VALDOSTA	GA

52.525 / 145.210

N4ARK	NASHVILLE	TN

52.330 / 53.330

N4ZHC	CLINTON	NC

2 METERS

144.610 / 52.525

N4ARK	NASHVILLE	TN

144.510 / 145.110

KK4HL	AUGUSTA	GA
N4MXC	COCHRAN	GA
N4ZCV	DOUGLASVILLE	GA
KC4UPE	LEESBURG	KY
K5HYE	MENDENHALL	MS
W5WA	PASCAGOULA	MS
K4JTX	CHERRYVILLE	NC
KB4TOH	COLUMBIA	NC
W4FRXG	SAURATOWN MT	NC
KD4MYE	YOUNGSVILLE	NC
WD4JMT	MYR BCH/CONWAY	SC
NQ4Y	COOKEVILLE	TN
WD4SBX	GRAY	TN
WB7BOX	JACKSON	TN
KC4NNN	KNOXVILLE	TN
N4ARK	NASHVLE/FAIRVIEW	TN
K4YPE	RICHMOND	VA
KB8SLH	BARTOW	WV
WD8MCR	SALT ROCK	WV

144.530 / 145.130

K4SEX	NEWNAN	GA
KB0Y	VALDOSTA	GA
N4RBL	LOUISVILLE AREA	KY
KJ4VF	MOREHEAD	KY
N5LRQ	ROSE HILL	MS
WB4YNF	AHOSKIE	NC
W4ATC	RALEIGH	NC
KB4CS	GREENWOOD/HODGES	SC
WB4KIV	SUMTER	SC
K4CMY	CHATTANOOGA	TN
NU5O	COLLIERVILLE	TN
N4SSB	GALLATIN	TN
KA4OAK	LAFOLLETTE	TN
KC4KRM	#SHELBYVILLE	TN
N4VL	GALAX/LKOUT MT	VA
KB8EUN	GLENVILLE	WV

144.550 / 145.150

W4MM	ALBANY	GA
W4AQL	ATLANTA	GA
KF4LT	MILLEDGEVILLE	GA
N4TLK	MONTICELLO	KY
AD4BI	PIKEVILLE	KY
K5LFP	PICAYUNE	MS
N4AAY	BUXTON	NC
W4NHV	#LUMBERTON	NC
WD4CVM	RANDLEMAN/GBO	NC
WD8OXE	INMAN	SC
N4LWY	SUMMERTON	SC
W4RJC	DECATUR-PONE KB	TN
W4XS	FRANKLIN	TN
K0JXI	MEMPHIS	TN
K4ARO	GREENBAY	VA
KA4IXK	RADFORD/RINER	VA
KA8SVN	CLAY	WV

144.570 / 145.170

N4JBF	COOLIDGE	GA
WA4DIW	JONESBORO	GA
WD8PRH	HALLS GAP	KY
N5DWU	PETAL	MS
KD4MMB	ANDSN MT/DENVER	NC
N4CTJ	LELAND	NC
AC4UO	OXFORD	NC
KY4S	AIKEN	SC
NU5O	BRUCETON	TN
WB4GBI	KNOXVILLE	TN
KA0BRN	MEMPHIS	TN
WB4LHO	MURFREESBORO	TN
WA4ZUA	NORFOLK	VA
WF1G	BECKLEY/BOLT	WV

144.590 / 145.190

WB6RTH	#ATLANTA	GA
WA4EQL	JESUP	GA
WB0QGH	LAWRENCEVILLE	GA
WB0QGH	LAWRENCEVILLE	GA
WB4ULJ	PINE MT/HAMILTON	GA
KB4SQI	SALYERSVILLE	KY
WB5UVT	BOONEVILLE	MS
W5CJR	HATTIESBURG	MS
KA4SQN	JACKSONVILLE	NC
WA4BVW	MT MITCHELL	NC
N4OTT	CARTHAGE	TN
KD4XX	JASPER	TN
WB8YJJ	RICHWOOD	WV
WB8JGY	WHEELING	WV

144.610 / 145.210

KD4DTA	EASTMAN	GA
W4PSZ	FAYETTEVILLE	GA
WD8PRH	LEXINGTON/GRGTWN	KY
WA5WRE	POPLARVILLE	MS
K4OLC	HIGH PEAK MTN	NC
WB4TQD	TRENTON	NC
KE4VD	LEXINGTON	SC
W4BBB	KNOXVILLE	TN
W2GLJ	MEMPHIS	TN
N4ARK	NASHVILLE	TN
W2MS	KILMARNOCK	VA
KD4UZN	POUND	VA
WB4QOJ	ROANOKE/POOR MT.	VA
WB8FEQ	HUNTINGTON	WV
KD4APH	PENSACOLA, FL	ZZ

144.630 / 145.230

WB4JEH	CONYERS	GA
KB0Y	CORDELE	GA
KS4BS	DALTON	GA
WD4COL	WAYNESBORO	GA
WD8PRH	LOUISVILLE	KY
N4VBH	BEULAVILLE	NC
W4BFB	CHARLOTTE	NC
KD4IHW	RESEARCH TRI PK	NC
KE4CES	#JACKSON	TN
KJ4RA	LAVERNE	TN
KB4KIE	MAYNARDVILLE	TN
WB4DBB	BEDFORD	VA
W4MT	NEWPORT NEWS	VA
N8FWL	BECKLEY/OAK HILL	WV

144.650 / 145.250

N4YYD	CHATSWORTH	GA
WA4BLQ	CLAYTON	GA
KJ4GL	SCOTTSVILLE	KY
N4GGD	GREENSBORO/LVLX	NC
WA4USN	CHARLESTON	SC
KD4YFB	UNION	SC
K4PHT	DAYTON	TN
N4WXS	ERWIN/PINNACLE	TN
N4CZJ	BEAVERDAM	VA
KD8XK	BLUEFIELD	VA
KB8ODO	SOUTH CHARLESTON	WV

144.670 / 145.270

AD4ID	SANDERSVILLE	GA
KE4PN	WALESKA/PNLGMT	GA
N4TY	MORRILL DATA 120	KY
N5NBG	WALLS	MS
KB5DZJ	WIGGINS	MS
K4ROK	FARMVILLE	NC
WA4KNI	HENDSVL/BERWLW M	NC
KM4AR	MIDWAY	NC
N4BQF	RALEIGH	NC
KC4GYM	WEST COLUMBIA	SC
WB4WZK	HENDERSONVILLE	TN
KD4CLA	PIGEON FORGE	TN
KC4SKE	MARION	VA
N8FMD	CRAIGSVILLE	WV

144.690 / 145.290

NK9Q	ATLANTA	GA
N4MWQ	AUGUSTA	GA
WD4ELX	LOUISVILLE	KY
N4VOS	STANTON	KY
KC5KLW	OXFORD	MS
WJ5L	VICKSBURG	MS
W4BFB	CHARLOTTE	NC
KC4XC	CLAYTON	NC
N4GGD	GREENSBORO/UNCG	NC
K4VCM	CHATTANOOGA	TN
WB4SQC	JOHNSON CITY/HOL	TN
WD4FFM	RIDGETOP	TN
K4NDH	CHESAPEAKE	VA
KA8ZXP	GLENVILLE	WV

144.710 / 145.310

KA4CEK	COLUMBUS	GA
WA4JDR	STOCKBRIDGE	GA
N4TY	MORRILL DATA 960	KY
WB5GOJ	CHATAWA	MS
KC4WPM	BAKERSVILLE	NC
N4QAA	GREENSBORO	NC
KB4GY	BEAUFORT	SC
AA4PF	ROCK HILL	SC
WA4PNI	ATHENS	TN
KF4SC	JACKSON	TN
KC4ECD	LAFAYETTE	TN
N8FCJ	BECKLEY/LAYLAND	WV

144.730 / 145.330

WA4OGE	JONESBORO	GA
KN4YX	VERSAILLES	KY
N4DRL	BYHALIA	MS
KA5CYR	GULFPORT	MS
KD4J	MOUNT AIRY	NC
KK4YP	PIKEVILLE	NC
WA4DFP	BAMBERG	SC
WD4DBJ	CUMBERLAND CITY	TN
WA4TEM	KNOXVILLE	TN
WA4QQI	FARMVILLE	VA
KE4YRQ	NORFOLK	VA
WR8M	WILLIAMSON	WV

144.750 / 145.350

W4DOC	ATLANTA	GA
W4FGQ	FLINTSTONE	GA
KD4GLI	ELIZABETHTOWN	KY
KD4DAX	WILLIAMSBURG	KY
KA5WMH	OLIVE BRANCH	MS
N5ZMZ	UTICA	MS
WA4AOS	CHARLOTTE	NC
WD4JPQ	GREENVILLE	NC
NQ4Y	HUMBOLDT	TN
WD4JYD	NOLENSVILLE	TN
N4AZJ	BLAND	VA
W8GK	CHARLESTON	WV
W8SP	FAIRMONT	WV

144.770 / 145.370

AA4UA	AUGUSTA	GA
KB4IZF	JASPER	GA
W4BKM	MACON	GA
KE4YVD	RICHMOND	KY
KA5NNX	HATTIESBURG	MS
N5PYQ	SOUTHAVEN	MS
N4AGN	N. WILKESBORO	NC
WA4MII	OXFORD	NC
K4PPD	SHALLOTTE	NC
KB4KIE	KNOXVILLE	TN
KB4ZOE	SMITHVILLE	TN
KC4RBA	FOREST	VA
KC4TOG	GLOUCESTER	VA
N8TNB	BECKLEY/EOC	WV
K8VNQ	PARSONS	WV

144.790 / 145.390

K4HYB	GRIFFIN	GA
KC4KDZ	FRANKFORT	KY
KA5RPB	CORINTH	MS
KB5KGE	JACKSON	MS
N4ZVN	MONROE/UCARS	NC
KM4OX	ROSEBORO	NC
WB4FOH	CANADYS	SC
W4AM	CHATTANOOGA	TN
W4CUJ	GREENEVILLE	TN
WB4DOR	LEBANON	TN
K4ARO	ROANOKE/POOR MTN	VA
WD8EOM	WESTON	WV

144.810 / 145.410

W4PME	ATLANTA/BELL	GA
NA4I	AUGUSTA	GA
KB4PXX	BRNSWK/JEKYLL IS	GA
WA8PBW	COVINGTON	KY
WA4MXO	JACKSON	KY
KC5IF	D'IBERVILLE	MS
N5DWU	MERIDIAN	MS
N4XO	HIGH POINT	NC
KA4KNU	WILLIAMSTON	NC
N4VIH	DOVER	TN
WB4NKM	GREENEVILLE	TN
NQ4Y	HOBBS HILL	TN
K2QIJ	WILLIAMSBURG	VA
N8FHE	BUCKHANNON	WV
W8HYX	LIBERTY	WV
KB8CM	UNION	WV

144.830 / 145.430

KA4EIM	JESUP	GA
WB4OLL	MACON	GA
K4LCI	MARIETTA	GA
KA5LVU	COLUMBUS	MS
W4PET	LUMBER BRIDGE	NC
K4ITL	SPARTA/GREEN MT	NC
KC4GYM	GILBERT	SC
KB4YTU	BROWNSVILLE	TN
WA4UCE	COOKEVILLE	TN
WB4YLC	KNOXVILLE	TN
NU5O	SPOT	TN
AD4OV	COEBURN	VA
W4SQT	RICHMOND	VA
WS8L	CHARLESTON	WV
K8LG	MORGANTOWN	WV

144.850 / 145.450

W4BOC	DECATUR	GA
KC4TX	LEXINGTON	KY
N5RMZ	SHARON	MS
WD4PLY	CROWDERS MT/GAST	NC
WA4WTX	DURHAM	NC
K4GRW	NEWPORT	NC
K4SIR	BENTON	TN
WA4KOG	COVINGTON	TN
KD4LP	MORRISTOWN	TN
KE4KO	#MT PLEASANT	TN

AA4HQ SALUDA VA
N8LGY GRANTSVILLE WV
WB8SXZ WELCH WV

144.870 / 145.470

KF4UM RICEBORO GA
N4CLA SWEAT MT/MARIETT GA
WB4GGH BARDSTOWN,NELSON KY
WA4WMM MAYSVILLE KY
NU50 OXFORD MS
N5DWU VOSSBURG MS
W4OIX KINSTON NC
W4NC SAURATOWN MT NC
KN4RG GAFFNEY SC
WB4GBI KNOXVILLE TN
WD4OMO MOUNTAIN CITY TN
N4ARK NASHVILLE TN
KJ5CO OAKFIELD TN
N4ZCM CLARKSVILLE VA
W8FG RICHWOOD WV

144.890 / 145.490

W4DV AUGUSTA GA
KA4WUJ CORDELE GA
WA4QPL MARIETTA GA
W4KVK HENDERSON KY
WB4CWF NICHOLASVILLE KY
N5VGK FULTON MS
N5DWU RICHTON MS
NT4K FRANKLIN NC
AC4DZ GIBSONVILLE NC
K4BWC RALEIGH NC
KA4ABW RKY RDG/WALLACE SC
WB4LHO MCMINVL/SHT MT TN
WA4KOG MEMPHIS TN
W8MOP BLUEFIELD VA
WA4OHX NEWPORT NEWS VA
W8MOP BLUEFIELD WV
WV8G PARKERSBURG WV

146.010 / 146.610

W4CVY COLUMBUS GA
WB4JEH CONYERS GA
WD4KWV CORBIN KY
WA4PVV MADISONVILLE KY
KB5RQL LAUREL MS
K4SNI GREENSBORO NC
WD4JMS NEW BERN NC
KC4WIF ELLOREE SC
W4NYK GRNVLE/CSRS HD SC
K4CMY CHATTANOOGA TN
WA4PCD NASHVILLE TN
K4LSP ABINGDN/BRMLY MT VA
WA4YSE CHESAPEAKE VA
W4WWQ LYNCHBURG VA
WB8MZI GASSAWAY WV

146.025 / 146.625

WA4UPE ATL/UNION CITY GA
N4UJT ELBERTON GA
KE4ZZ VIDALIA GA
K4ULW WEBSTER KY
KE5WO PORT GIBSON MS
KI4RR LAURINBURG NC
AC4IP CHESTER SC
WB4GBI KNOXVILLE TN
N4ABU MARTIN TN
WF1G FLAT TOP/WINTRPL WV

146.040 / 146.640

WB4QGR ATLANTA GA
N4MWQ AUGUSTA GA
W4FWD CARROLLTON GA
KD4CEX WAYCROSS GA
WA4UXJ CANE VALLEY KY
WF4N #CENTRAL CITY KY
WA4YZY #PINEVILLE KY
N5NIL MADISON MS
WB5NAY MOOREVILLE MS
WB4YAO HENDERSONVILLE NC
W4DW RALEIGH NC
W4NC WINSTON-SALEM NC
KB4CIH SUMTER SC
WB4KQQ #MEMPHIS TN
WB4NTM NASHVILLE W TN
KA4QYI ROCKWOOD/MT ROOS TN
W4WIC FINCASTLE VA
N4QLF MARION VA
WB4QEY RICHMOND VA
WB8EZR HUNTINGTON/CHAS WV

146.055 / 146.655

N4NFP ATLANTA/MARIETTA GA
WD4MNI BOWLING GREEN KY
WD4DZC DANVILLE KY
K4CEB CONCORD/KANNAP. NC
WA4VTX ELIZABETH CITY NC
KB4RRC BEAUFORT SC
N4RYR ALCOA TN
KD4AOK BROWNSVILLE TN
W4AM CHATT/SIGNAL MT TN
KM4ME LAWRENCEBURG TN
WA4ISI ALTAVISTA VA
N8ZPX FLATWOODS WV
KB8BUC UPPER TRACT WV

146.060 / 146.660

W4BKM MACON GA

146.070 / 146.670

W4NSO GAINESVILLE GA
K4VHF HAZARD KY
W4KBL PRINCETON KY
N5CAX NEW ALBANY MS
KB5ZCX PURVIS MS
K4FHB BURLINGTON NC
WA4BKU CHERRY MT NC
AD4DN WILMINGTON NC
AD4U ST. MATTHEWS SC
WB4DKI BRISTOL TN
K4BGW LAFOLLETTE/WMT TN
WB4NTM NASHVILLE W TN
K4HZS DUBLIN VA
W4NTG WILLIAMSBURG VA
WD8JNU RAVENSWOOD WV

146.085 / 146.685

WD4IWL ADAIRSVILLE GA
K4UWN FAYETTEVILLE GA
KC4ZY LEXINGTON KY
KN4KQ OWENSBORO KY
W5KHB NATCHEZ MS
W4NBR GRIFTON NC
WA1EHL STATESVILLE NC
KB4CO NEWBERRY SC
KB4PIO WALLAND TN
WA1ZMS BEDFORD/APL ORCH VA
N8FMD CLARKSBURG WV
N8TXQ DANVILLE WV

146.100 / 146.700

W4MM ALBANY GA
W4OOM JASPER GA
WB4DOJ MILLEDGEVILLE GA
KK4TO SAVANNAH GA
W4BDC BROOKS KY
KF4JO GRAYSON KY
WA4YGM UNION CITY (TN) KY
K5GY BAY ST. LOUIS MS
WB5LVA GRENADA MS
W5DEJ MERIDIAN MS
N4CID DUNN NC
W4PAX LANCASTER SC
KB4QGK ANDERSON CTY TN
W4UOT MANCHESTER TN
WB4MMI RAMER TN
WA4YGM UNION CITY TN
KM4AU DANVILLE/WHT OAK VA
NE4D NORFOLK VA
KK4QS PENNINGTON GAP VA
W4XD STAUNTON VA
WD8JNU RAVENSWOOD WV

146.110 / 146.710

KF4FO HOPKINSVILLE KY

146.115 / 146.715

K4NVG LAVONIA GA
W4ABZ RINGGOLD GA
KI4B BEREA KY
KA5TQY GREENWOOD MS
N4GGN MILLERS CREEK NC
WB4KDC SPRING LAKE NC
WB4NEP COLUMBIA SC
KB4JUB SALTILLO TN
AB9I BLACKSBURG VA
KA4DZU WALKERTON VA
KD8GL SHERRARD WV

146.130 / 146.730

W4MM ALBANY GA
KD4NC ATLANTA/SWEAT MT GA
K4TVE BRUNSWICK GA
AC4AO LEXINGTON KY
AA4NI #NEBO KY
KC5IF BILOXI MS
W5VZF STARKVILLE MS
K4BWC RALEIGH NC
W4EXU SALISBURY NC
W4VNK WILMINGTON NC
K4FKJ N. AUGUSTA SC
WD4BJY SIMPSONVILLE SC
WB4IOB KNXVL/ENG MT TN
N4DON MEMPHIS TN
KD4EHL WATERTOWN TN
K4DHO HAMPTON VA
WB8SPW LEWISBURG WV

146.145 / 146.745

WA4BKF ATHENS GA
WA4TTC GREENVILLE KY
NN4N DILLON/PEE DEE SC
WB4RCK DYERSBURG TN
AA4UP OLIVER SPRINGS TN
KC4DY ROANOKE/POOR MT VA
WF8U PARKERSBURG (OH) WV

146.160 / 146.760

W4BOC STONE MT GA
N4NQG VALDOSTA GA
K4KJQ LEXINGTON KY
K4CUW PADUCAH KY
W5AXQ JACKSON MS
WA4BVW ASHVL/MT PISGAH NC
N4GGD GREENSBORO/BSUM NC
KO4S SWANSBORO NC
WB4THL WILSON NC
K4ESG MT PLEASANT SC
K4LSP BRISTOL/HLSTN MT TN
W4PQP NASHVILLE TN
WA4TFZ CHARLOTTESVILLE VA
KB4ZIN WILLIAMSBURG VA
W8VA HUNTINGTON WV
W8CUL MORGANTOWN WV
W8ZQ WHEELING WV

146.175 / 146.775

N4NFP MARIETTA GA
KB4NA WRENS GA
W4PPM MIDDLESBORO KY
KJ4OG TOMPKINSVILLE KY
KC4TKI VANCEBURG KY
WB5TJK HATTIESBURG MS
K4JYH SOUTHPORT NC
KC4GYM COLUMBIA SC
NU5O FRUITLAND TN
WA4AUX PULASKI/MUSIC MT TN
WB3T WYTHEVILLE VA
KB8BWZ ELKINS WV

146.190 / 146.790

KD4GEY FOLKSTON GA
WD4KOW MOULTRIE GA
K4SEX NEWNAN GA
K4VYX SWAINSBORO GA
W4YWH HIGHLAND HEIGHTS KY
K5TYP BILOXI MS
KO5S WEST POINT MS
K4OAR CLINTON NC
KK4AT SAURATOWN MT NC
W4FVV ANDERSON/SAS MT SC
WA4USN CHARLESTON SC
W4AM CHATTANOOGA TN
W4ABR JOHNSON CITY TN
W4SQE NASHVILLE TN
N4SD CHESAPEAKE VA
NM8T OAK HILL WV

146.205 / 146.805

KC4ZGR MACON GA
KA4NNE GUTHRIE KY
WD8PRH HAZARD KY
KF5C STARKVILLE MS
KJ5OB VICKSBURG MS
N4EWG FAYETTEVILLE NC
N0IZF GASTONIA/CROWDER NC
WM3O ORANGEBURG SC
KA4NNE GUTHRIE (TN/KY) TN
WA4HTI COVINGTON VA

147.405 / 146.805

KC4AQS CALHOUN/JASPER GA
KC4ZZC CANTON NC

146.220 / 146.820

W4MM ALBANY GA
W4DOC ATLANTA GA
K4HVK KIBBEE GA
AA4PL DRAKESBORO KY
WB4AIA IRVINE KY
WA5MBA GREENVILLE MS
K5HYE MAGEE MS
WB4PZA ROARING GAP NC
K4GMP WILMINGTON NC
W4NYK GRNVLE/PARIS MT SC
WB4OAH LAKE CITY TN
W4BS MEMPHIS TN
AB4SW WINCHESTER TN
N4WWB GATE CITY VA
K4ITQ MECHANICSVILLE VA
W4RKC WINCHESTER VA
WB8IFS CHARLESTON WV

146.235 / 146.835

KC4GSS THOMSON GA
KA4BLZ LYNN GROVE KY
KC4ZOX SALVISA KY
WB4PLA #ASHEVILLE NC
K4UOR NAGS HEAD/BODIE NC
W4USH WADESBORO NC
KC4UDD CHARLESTON SC
KD4KPV HUNTINGDON TN
N4IDG WATERTOWN TN
KK4EH GRUNDY/BIG A MT VA
N4UTN RUSTBURG/LONG MT VA

147.435 / 146.835

N4KHQ DAHLONEGA GA
N4NNR HIGH POINT NC

146.250 / 146.850

K4DVJ DALLAS GA
WA4QWI WARNER ROBINS GA
KA4CLL #BOWLING GREEN KY
KM4IV PIKEVILLE KY
K0VNO BAY ST. LOUIS MS
K5JMD BUDE MS
WB5MFK IUKA MS
W5LWC KOSCIUSKO MS
K4CYP GOLDSBORO NC
WA4MDW HICKORY/BRT. MT NC
WA4NNC REIDSVILLE NC
W4ULH FLORENCE SC
WA4KJH GTLBG/COVE MTN TN
WA4KOG MEMPHIS TN
W4AY NASHVILLE TN
W4POX PORTSMOUTH VA
WA4ZBP STAUNTON VA
WA8WDK BECKLEY/FLAT TOP WV
N8ZAR BUCKHANNON WV

146.265 / 146.865

WB4DKY MADISON GA
AC4UW RICHMOND KY
KB4YF LAURENS SC
AC4AA CROSSVILLE TN
KN4KP TRENTON TN
KC4MAI WISE VA

147.465 / 146.865

N5DWU ELLISVILLE MS
WD8LYN MURPHY/STALCUP NC
WA4ZRS WAXHAW NC
WZ8E MOUNTAIN LAKE VA

146.280 / 146.880

W4CVY COLUMBUS GA
W4IUD MARIETTA GA
WA4NKL QUITMAN GA
W4HBB SAVANNAH GA
W4OAU LOUISVILLE KY
N4AI SOMERSET KY
K5QNE JACKSON MS
N5AAY PASCAGOULA MS
WB4TQD RALEIGH NC
W4NYR SHELBY NC
WB4FOH ORANGEBURG SC
WD4CYZ BRISTOL TN
WA4ETE MEMPHIS TN
WA4PCD NASHVILLE TN
W4SKH OAK RIDGE TN
WD4CYZ BRISTOL VA
WA4ZBE RICHMOND VA
W4PDL SALEM VA
WB8CQV SO. CHARLESTON WV

146.295 / 146.895

WA4RBS HARTWELL GA
N3SM MACON GA
K4JBV FLORENCE KY
KA4YFF MADISON NC
KA4ABW PAGELAND/HIPOINT SC
KD4DUS #DANDRIDGE TN
N4RAG CHARLOTTESVILLE VA
WA4KXV VIRGINIA BEACH VA
WB3T WYTHEVILLE/BLAND VA

147.495 / 146.895

WD4LUQ DALLAS GA
KC4KZT DORTON KY
N5DWU ELLISVILLE MS

146.300 / 146.900

WB4WVH IRVINGTON KY

146.310 / 146.910

WB4HIG CLEVELAND/LONG GA
K4HYB GRIFFIN GA
K4GFY MOREHEAD KY
K5VV HERNANDO MS
K5OCM NATCHEZ MS
WA4ZGO AHOSKIE NC
W4MOE ASHVL/SPIVEY MT NC
WB4YZF FAYVLLE/CFARS NC
K4IZM LEXINGTON NC
W4BWZ WHITE HALL SC
WB4DQU SAVANNAH TN
W4YXA SHORT MTN TN
N4RKM FARMVILLE VA
K4TUE MT.LAKE/BALD KNB VA
KC8CS MCMECHEN WV

146.325 / 146.925

WA4ASI COVINGTON GA
N4PJR JESUP GA
W4BEJ RADCLIFF KY
WB5VOJ CORINTH MS
KI5WK WAYNESBORO MS
KA4ABW LUCKNOW/BISHOPVL SC
W4GZX CLEVELAND TN
WD4OBW JONESBOROUGH TN
WA4TFZ CHARLOTTESVILLE VA
WB4GJG DANVILLE(DCC) VA
WD8OGY PRINCETON/PIPEST WV

146.340 / 146.940

KT4N AUGUSTA GA
W4VO ROME/MT. ALTO GA
WA4FVB WRIGHTSVILLE GA
KA4OIL ASHLAND KY
W4WZH GLASGOW KY
WB4NTB MURRAY KY
KB5DWX AMORY MS
KA5SBK JACKSON MS
K5JMD MCCOMB MS
W4DLH BURGAW NC
W4BFB CHARLOTTE NC
KC4VM MANTEO/WANCHESE NC
AC4NZ MOUNT AIRY NC
KD4PBC CHARLESTON SC
W4IQQ GREENVILLE SC
WB4GBI KNOXVILLE TN
N4BSM MEMPHIS TN
WA4PCD NASHVILLE RATS TN
K4UMI HAMPTON VA
W4ZA RICHMOND VA
N4AP ROANOKE VA
KD8AB FENWICK WV
W8CWO WEIRTON WV

146.355 / 146.955

K5PRE BLAIRSVILLE GA
AC4MU PERRY GA
N4EQT LAWRENCEBURG KY
N5EKR ELLISVILLE MS
KC5OB ISOLA MS
KD4WAR BURNSVILLE NC
WD4AVP ROCKINGHAM NC
WZ8E BLUEFIELD/ONEIDA VA

146.370 / 146.970

K4CLJ ATLANTA GA
W4HBB SAVANNAH GA
K4DPP HENDERSON KY
WD8PRH STANTON KY
KI5ZH PASCAGOULA MS
N5DHS WINONA MS
N4XRY MOUNT AIRY NC
KD4JQ SMITHFIELD NC
N4SZ ANDERSON SC
WA4ISM FLORENCE SC
W4TRC KNGSPT/BAYS MT TN
WD4MWQ MCMINNVILLE TN
WA4RWK MEDINA TN
W4SKH OAK RIDGE TN
W4WRN STAUNTON VA
WA4KXV VIRGINIA BEACH VA
KJ8E LOGAN/WARD RK MT WV
N8NBL PARKERSBURG (OH) WV

146.380 / 146.980

W4BEJ ELIZABETHTOWN KY

146.385 / 146.985

NA4I AUGUSTA GA
KC4ZGN ELLIJAY/TALONA M GA
KA4UUB ST. MARYS GA
KN4FE WARM SPRINGS GA
N4SEI #JOHNATHAN CREEK KY
N5LRQ #COLLINS MS
KB5DMT SENATOBIA MS
K4OGB ALBEMARLE NC
WD4PVE MARION NC
KC4PRD GOODLETTSVILLE TN
KK4MW DANTE/HAZEL MTN VA
W4CA ROANOKE/POOR MT VA
KF8LL NEW MARTINSVILE WV

146.390 / 146.990

WB4LBI #NICHOLASVILLE KY

146.400 / 147.000

WA4NNO ATLANTA GA
K5UFH CORINTH MS
WB5QFX WATER VALLEY MS
WD4FVO JACKSONVILLE NC
K4AZA THOMASVILLE NC
W4YLT MARION SC
WB4YXZ PICKENS SC
KD4CWB KNOXVILLE TN
W4ZJM MEMPHIS TN
WA4HMT SUFFOLK VA
K9WMX ST ALBANS WV

147.600 / 147.000

KE4LR SHELBYVILLE KY
KG4M WILLIAMSBURG KY
KA5GOU COLUMBUS MS
WA4CBX BLOUNTVILLE TN
WD4SGA CLARKSVILLE TN
KE4QS COLLEGEDALE TN
KD8ZR TERRA ALTA WV

146.415 / 147.015

N4GIS CARTERSVILLE GA
N4YSB YADKINVILLE NC
AB4M LYNCHBURG VA
K4AXO NORTON/HIGH KNOB VA

147.615 / 147.015

KM4DT BONAIRE GA
KF4UM HINESVILLE GA
AD4RU IRVINE KY
N5JHK MONTICELLO MS
AD4LI LINCOLNTON NC
KD4MYE RALEIGH NC
KQ7E SUMTER SC
WD4JVV LEBANON TN
KJ4ZQ #NASHVILLE TN
AA4KS ROCKWOOD/MT ROOS TN
WA4YGM UNION CITY TN
AA8TH RICHWOOD WV

146.430 / 147.030

WV5D LAUREL MS
K4YTZ ROCK HILL SC
N4DRL COLLIERVILLE TN
WD4MVR LEXINGTON TN
WA4JST RICHMOND VA

147.630 / 147.030

W4REI ATLANTA/AIRPORT GA
WA4ZVL HOPKINSVILLE KY

W4PJZ LOUISVILLE KY
W5LDD OCEAN SPRINGS MS
W4GG GREENSBORO NC
AA4SJ ROANOKE RAPIDS NC
WA4FOF BARNWELL SC
K4HOG N. MYRTLE BEACH SC
N4DRL COLLIERVILLE TN
KE4AHW FAYETTEVILLE TN
KD4LP MORRISTOWN TN
KC8IT MULLENS WV
WB8ECC ST MARYS/BENS R WV

147.640 / 147.040

KD4DTD WINFIELD, AL ZZ

146.445 / 147.045

K4AIH ANDREWS/ROBBINSV NC
WA4FLR FAYETTEVILLE NC
KB8LFJ CHARLESTON WV

147.645 / 147.045

K4SES DOUGLAS GA
KD4AOZ WATKINSVILLE GA
KJ4VF GRETHEL KY
KB5LCL POLKVILLE MS
N1BEC BALD CREEK NC
WA1EHL STATSVL/ASBRY MT NC
K4AYN NASHVILLE TN
WD4FOZ STAUNTON/EL. KB VA
WA4SBC VIRGINIA BEACH VA
N3SBK DELTONA, FL ZZ

146.460 / 147.060

W4CQ CHARLOTTE NC
KD4LDU CHARLESTON TN
WD4LBM SOUTH BOSTON VA
KA8PNC PRINCETON WV

147.660 / 147.060

WA4DDI MACON GA
N4CLA ROSWELL GA
W4UCJ THOMASVILLE GA
W4WQ PADUCAH KY
N5OCF RICHTON MS
WA4LED MACO NC
W4VFR SUMTER/SHAW SC
KB4UG GRNVLE/VIKING MT TN
WA4MQQ MEMPHIS TN
N4VFB SHELBYVILLE TN
WB4VWR ENON VA
N8ZAR BUCKHANNON WV

147.670 / 147.070

N4NMC LOUISVILLE KY

147.675 / 147.075

WD4JXR LAWRENCEVILLE GA
WB4CJB PEMBROKE GA
N4TLP OWINGSVILLE KY
NC5Y JACKSON MS
KD4JFN BURLINGTON NC
AG4L NEWTON NC
WQ4E GREENBRIER TN
WB4GBI KNOXVILLE TN
NU5O MCNAIRY TN
AD4ZK NORFOLK VA
W4PNT WAYNESBORO VA
KE8MR MORGANTOWN WV

147.690 / 147.090

KC4YHM EATONTON GA
N4XGI #ST SIMONS ISL GA
KJ4YK PHELPS KY
KB5DSN AMORY MS
N5MRS NEW HEBRON MS
W4GDF GREENVL/ESTN NC NC
KM4RP ORANGEBURG SC
K4JLA SPARTANBURG SC
KA4ATI GERMANTOWN TN
K4NLP JAMESTOWN TN
N4VL GALAX/BRIRP MT VA
N4TZE OILVILLE VA

147.705 / 147.105

K4YSB ATLANTA GA
NC4D STATESBORO GA
KA4KFD CALVERT CITY KY
WA4ZAC HARLAN KY
K9ZK #HAWESVILLE KY
KB5SAR WAYNESBORO MS
N4WET BOONE/DYER HILL NC
KM4OX BROADWAY NC
WA4KNI HENDERSONVILLE NC
KD4NEB CLEVELAND TN
K4TC HENDERSON TN
N4IDG LEBANON TN
WB4JBJ BEDFORD VA
WT8Z SPENCER WV

147.720 / 147.120

W4MM ALBANY GA
NI4S AUGUSTA GA
W4CMA CEDARTOWN GA
K4HCA CLARKESVILLE GA
WB4ASZ WINCHESTER KY
NO5N ACKERMAN MS
W4REW GASTONIA/SPCR MT NC
WN4Z ROCKY MOUNT NC
WD4JMT MYRTLE BEACH SC
WA4ZYX COLUMBIA TN
N4WAH MEMPHIS TN
K4EAJ OAK RIDGE TN
KN4DE COLLINSVILLE VA
WB8DKM BRIDGEPORT WV
N8TXQ MADISON WV

147.735 / 147.135

N4BZJ DALTON GA
K4FRM MILLEDGEVILLE GA
KB0Y VALDOSTA GA
KB5UIX SOSO MS
K4GBH BREVARD NC
KM4GN WILMINGTON NC
KA4ABW CHERAW SC
WB4EDS ALAMO TN
N4AZJ PEARISBURG VA
N4HB RICHMOND VA
KE8MR DAVIS WV

147.750 / 147.150

WB4TFW ALBANY GA
K4BYK CUMMING/SAWNEE GA
WB5HKK JACNITO MS
KF5IZ PEARL/RANKIN CO MS
K4VLY MORGANTON NC
WB4TQD RALEIGH NC
WD4NUN MONCKS CORNER SC
WA4SDT SIMPSONVILLE SC
WA4PCD NASHVILLE TN
K4EAJ OAK RIDGE TN
KM4FY RICHLANDS VA
KA8SVR ST ALBANS WV

147.765 / 147.165

KB4KIN FORSYTH GA
WA4HBM LEXINGTON KY
WB4UBY PRESTONSBURG KY
KB4MFP HIGH POINT NC
KD4PBK LUMBERTON NC
K4VIA GREENWOOD SC
AC4QF ERWIN/UNICOI CO TN
WA4CEX PURYEAR TN
W8CXD FOREST VA
WB4CTF NEWPORT NEWS VA
WC8K WESTON WV

147.780 / 147.180

N4BMA AUGUSTA GA
WD4NHW BALDWIN GA
WB4BDP WARNER ROBINS GA
WM4H BAXTER KY
W4CN LOUISVILLE KY
N4OOC ASHEVILLE/FLATTP NC
WB4EJJ SANFORD NC
N4CTJ WILMINGTON NC
AA4SC FORT MILL SC
WA4HNK SUMMERVILLE SC
WD4DES CLEVELAND TN
WA4KOG MEMPHIS TN
K4ZGA NASHVILLE TN
KB4YKV AMELIA COURTHSE VA
WB3S PKS KB/PULASKI VA
WD8OHX LEON WV

147.795 / 147.195

K4JPD ATLANTA GA
W4UCJ BOSTON GA
KJ4VF LEXINGTON KY
KA5FYW SUMRALL MS
KM4OX CASTORIA NC
N4NIN LENOIR NC
W4PNZ FLORENCE SC
KC4FV ARNOLD A.F.B. TN
KA4AZQ KNOXVILLE TN
WA4RTS LYNCHBURG VA
KF4ADJ SMITHFIELD VA
NV8H HORSEPEN MT WV

147.810 / 147.210

N4EMM CONYERS GA
KC4WHD #LOOKOUT MTN GA
KK4TO SAVANNAH GA
N4UDV BLACK MOUNTAIN KY
K4HY OWENSBORO KY
N5SPJ UNION MS
W4BUZ GREENSBORO NC
W4NTQ WHITEVILLE NC
K4AVU LITTLE MT. SC
N4WS COOKEVILLE TN
W4WKZ JACKSON TN
KD8NJH AMBER RIDGE WV
N8FMD CLARKSBURG WV

147.825 / 147.225

KB4ZUN COMMERCE GA
KA4LVY SUMMERVILLE GA
KB4NFK LITCHFIELD KY
N4DRL BYHALIA MS
W5OXA D'IBERVILLE MS
WA4WTX HILLSBOROUGH NC
N4OOC MORG WALKER TOP NC
W4DTW SANTEE SC
WB4OAH MORRISTOWN TN
KA4VXR HAMPTON VA
WB8NRK PRINCETON WV

147.840 / 147.240

WB4NFG IRWINTON GA
KD4POG #THOMASVILLE GA
KA4DII ASHLAND KY
WB4BHM FARMINGTON KY
KC4AI FRANKFORT KY
N5ELS TUPELO MS
W2SE CARTHAGE NC

147.735 / 147.135

K4PBG FOREST CITY NC
W4GHZ FRANKLIN NC
W4ILN HILTON HEAD SC
AC4VT LANCASTER SC
WD4BKY GALLATIN TN
N4MGQ ELK CRK/IRON MTN VA
KD4MJO SOUTH HILL VA

147.855 / 147.255

WD4KDT ATLANTA GA
N4IOX DIXON KY
K4CO HIGHLAND HEIGHTS KY
KC5RC LAUREL MS
KJ4AV ASHEBORO NC
WA4KNI HENDSVL/PENIC/MT NC
N4HL LEESVILLE SC
WA4BZU NASHVILLE TN
KJ4SI PETROS/FRZ HD MT TN
WA4TVS ACCOMAC VA
WD4CYZ DANTE VA
KB8EQC HINTON WV
WA8LLM PARKERSBURG WV

147.870 / 147.270

WD4EBB AMERICUS GA
WA1KMS COVINGTON GA
N4KWT LOUISVILLE KY
WA4GSB ST. CHARLES KY
WB5USN ABERDEEN MS
WB5YKR VICKSBURG MS
W4CQ CHARLOTTE NC
AK4H RALEIGH BENSON NC
N4SM WAYNESVILLE NC
WB4LET CHARLESTON SC
WA4JRJ SENECA/LONG MT SC
WA4YQC GALLATIN TN
WB0TMC JACKSON TN
KE4FH JOHNSON CITY TN
WB4IKL GUM SPRING VA
KB4QWO ROANOKE/POOR MTN VA
WC8S SCOTT DEPOT WV

147.885 / 147.285

WA4VBX ATLANTA/GPCO GA
WD4LYV CHULA GA
KC4ZFH LONDON KY
KA4FGA MARION KY
N5SPF COLUMBIA MS
KB5TGA CORINTH MS
N4ADM AIKEN SC
AC4AM MYB BCH/BRKSVIL SC
WD4MGM
WHITE OAK MTN SC
K4PUX PIKEVILLE TN
NU5O SPOT TN
KD4QWD MARTINSVILLE VA
N8HON SPRUCE KNOB WV

147.900 / 147.300

WB4YSV ROME GA
AC4MU WARNER ROBINS GA
K4ICN ALLEN KY
WA4SJH SPRINGFIELD KY
KB5MPW #BAY ST LOUIS MS
KA5LNY MAGEE MS
KK4X JEFFERSON NC
N4JEX KANNAPOLIS NC
W4MZP RED SPRINGS NC
KA4YGX TUCKASEGEE NC
WA4UQC WILSON NC
K4ESG AWENDAW SC
W4BBB KNOXVILLE TN
WA4ADT MEMPHIS TN
WB4ZSA NASHVILLE TN
K4SPS FRANKLIN VA
KI4ZR LEXINGTON VA
WB8NSL HARRISVL/PENSBRO WV

147.915 / 147.315

N4REB TWIN CITY GA
KC4TX #HODGENVILLE KY
N4IL SALEM KY
K4JYH SAURATOWN MT NC
K4PPD SHALLOTTE NC
N4UZT N. SPARTANBURG SC
N4ARK #MURFREESBORO TN
KD4HZN ROGERSVILLE TN
K4HWQ GRUNDY VA

147.930 / 147.330

WB4BXO LAGRANGE GA
KK4TO SAVANNAH GA
KA4DIP TOCCOA GA
WA8KWH ASHLAND KY
KA4CFW BOWLING GREEN KY
WD4KNE MT. STERLING KY
N4IUI PROVIDENCE KY
KA5CYR MCHENRY MS
N5EPP PHILADELPHIA MS
W4LPL FAYVLLE/FT BRAGG NC
KN4K LENOIR/HIBRITN NC
KD4KAO COLUMBIA SC
WA4VXW COVINGTON TN
WD4ORB MORGAN COUNTY TN
KI4ZR LEXNGTN/ROCK MT. VA
KA4ZIP WARSAW VA

147.945 / 147.345

N4NEQ ATLANTA/MARIETTA GA
N4PJR JESUP/SCREVEN GA
N4IZD LYNCH/BLACK MT KY
KG5SF GREENVILLE MS
N5ZMZ UTICA MS
KC4YRH MADISON NC
W4NYR SHELBY NC
WA4TEP WASHINGTON NC
K4UVH HENDERSONVILLE TN
NM4L ABINGDON VA
WA4TVS EASTVILLE VA
W3RUA FRANKLIN WV
NU8K LOGAN/SUMERCO WV

147.960 / 147.360

WA4CLC DOUGLASVILLE GA
WA4HZX DUBLIN GA
KQ9Z LOUISVILLE KY
W5CJR HATTIESBURG MS
KB5PKU LOUISVILLE MS
K5SVC NATCHEZ MS
WA4KDB BOONE/RICH MTN NC
WD4LDB DURHAM NC
W4PET LUMBERTON NC
N4EOY COLUMBIA SC
KA4OAK LAFOLLETTE TN
W4BS MEMPHIS TN
WB4NTM NASHVILLE TN
K4KLX PARIS TN
KA4CBB CHESTERFIELD VA
KB4OLM STUARTS DRAFT VA
KA8GOH MIDDLEBOURNE WV

147.975 / 147.375

K4TQU ATHENS/CRAWFORD GA
KB4VAK LAFAYETTE GA
K4CO WALTON KY
KA5VFU GULFPORT MS
KD4WAR BURNSVILLE NC
KD4JFN #PITTSBORO NC
WD4JMT GEORGETOWN SC
K4LEO GREENVILLE SC
KN4HL DICKSON TN
KB4ILD LYNCHBURG VA
W4NV VIRGINIA BEACH VA
WD8LNB GRAFTON WV
K8WMX ST ALBANS WV

147.980 / 147.380

WB5NAY PONTOTOC MS

147.990 / 147.390

K4IMK THOMASTON GA
WA8PBW COVINGTON KY
WD8ACR CRESTWOOD KY
AB5SO FOREST MS
WA4CHZ AQUADALE NC
WB4IUY CLAYTON NC
WA4QBG EDEN/STONEVILLE NC
N4FAU SHALLOTTE NC
KA4FEC LEXINGTON SC
AA4TA #CLARKSVILLE TN
WA4UEU DAYTON/RHEA CTY TN
WA4BJY OAKFIELD TN
K4ARO PETERSBURG VA
WV8D LEWISBURG WV
WD8CYV PARKERSBURG WV

146.190 / 147.510

WA4HBY MEMPHIS TN

147.075 / 147.675

K4NGQ FRANKFORT KY

146.175 / 147.775

WA4SIS #RALEIGH NC

147.315 / 147.915

W4STJ #FORSYTH GA

220 MHZ

224.600 / 223.000

KC4KUL HIGH POINT NC

222.180 / 223.780

WD8OHX #LEON WV

222.300 / 223.900

WB4RAB HERMITAGE TN

222.320 / 223.920

KC4UXD AUGUSTA KY

222.340 / 223.940

KC4QK ASHLAND KY
KF4GP CLARKSVILLE TN
W4ZJM MEMPHIS TN

222.380 / 223.980

WB4ZSA GALLATIN TN

222.420 / 224.020

WB4JEH #CONYERS GA

222.440 / 224.040

N4YDX #DALLAS GA

222.460 / 224.060

W4NYR SHELBY NC

222.480 / 224.080

WB4NTM NASHVILLE TN

222.500 / 224.100

WS4F BALDWIN GA
WB4DBB ROANOKE VA

222.520 / 224.120

N4NFP ATLANTA/MARIETTA GA
AA8NA MIDDLESBORO KY
N1BEC BALD CREEK NC
KB4CIH #SUMTER SC
WF1G FLAT TOP/WINTRPL WV

222.540 / 224.140

KB5SAR #WAYNESBORO MS
WB4WORGREENSBORO NC
WB4QHF PICKENS/CSRS HD SC
WD4SGS FRANKLIN TN
KB4YQC CHARLOTTESVILLE VA
WR8M WILLIAMSON WV

222.560 / 224.160

KC4JNN BISKEY MTN GA
KN4K LENOIR/HIBRITN NC
WR3S NASHVILLE TN

222.580 / 224.180

N3GLC BRUNSWICK GA
N4YDX DALLAS GA
KA4NRL CHARLESTON SC
WA1ZMS BEDFORD/APL ORCH VA

222.600 / 224.200

KC4OVY ATLANTA-NE GA
AA4UA AUGUSTA GA
KM4GN WILMINGTON NC
W4ILY GREENVILLE SC
WA4KMG BLOUNTVILLE TN
KB4YTU BROWNSVILLE TN
WB4PEA HAMPDEN-SYDNEY VA
WB4GUG STUART VA

222.620 / 224.220

AD4CR VERSAILLES KY
NF4C ROCKY MOUNT NC
KB4FZK KNXVL/CROSS MT TN
KO4BN SPRINGFIELD TN
KC4MZN WAYNESBORO VA

222.640 / 224.240

N4YYD FORT MTN/CHATSWO GA
WA4KNI HENDSVL/BERWLW M NC
N8FWL BECKLEY WV

222.660 / 224.260

KV4L MARIETTA GA
WA4BVW ASHVL/MT PISGAH NC
WA4WTX HILLSBOROUGH NC
KE4NP SHORT MTN. TN

222.680 / 224.280

N4BLR ATLANTA GA
KA4OAK LAFOLLETTE TN
AB4M LYNCHBURG VA

222.700 / 224.300

KC4NYV TEMPLE GA
KA4MKT LOUISVILLE KY
N4AI SOMERSET KY
WA4PVI STATESVILLE NC
WD4FOZ STAUNTON/EL KNOB VA

222.720 / 224.320

N4MTA ACWORTH/ATL GA
N4JBF THOMASVILLE GA
KA4SQN JACKSONVILLE NC
KJ4X PICKENS/SASFR MT SC
KK4US CLEVELAND TN

222.740 / 224.340

W4DOC ATLANTA GA
K4AZA THOMASVILLE NC

222.760 / 224.360

N4BZJ DALTON GA
WB4PAC GRIMESLAND NC
KA4TYO MARSHALL NC
KB4ZOE NASHVILLE TN
WB8YST CHARLESTON WV

222.780 / 224.380

N4RBT CLEVELAND GA
N4OQJ KNOXVILLE TN
AA4QT RIDGEWAY VA

222.800 / 224.400

WD4JEM MARIETTA GA
N5EKR ELLISVILLE MS
W4BFB CHARLOTTE NC
WB4QHF PICKENS SC
KB4YGI COLLIERVILLE TN
N4RBB MORRISTOWN TN

222.820 / 224.420

WB4YSV ROME GA
AC4AO LEXINGTON KY
W4BS MEMPHIS TN
WD4GSM NORTON/HIGH KNOB VA
KN4DE PATRICK SPRINGS VA

222.840 / 224.440

N4NEQ ATL/MARIETTA GA
WB4GUG GREENSBORO NC
KN4CW WEST SPRINGS SC
N2FUV SEVIERVILLE TN

222.860 / 224.460

AE4AA CALHOUN GA

KB0Y VALDOSTA GA
KC4ZTJ SHELBY NC
WA4YON KNOXVILLE TN
222.880 / 224.480
KB4PRH NORCROSS GA
WA4ZIA LOCUST NC
KC4ZYI CROCKETT RIDGE TN
K4ZGA NASHVILLE TN
222.900 / 224.500
N4MTA ACWORTH/ATL GA
K5TYP BILOXI MS
N4DRL BYHALIA MS
K4YNY WILMINGTON NC
W4BBB KNOXVILLE TN
WB4YJC MARTINSVILLE VA
222.920 / 224.520
KE4AIS PINE LOG MTN GA
KA5RPB CORINTH MS
K4FWN LITTLE MTN SC
WD4OBW JONESBOROUGH TN
WA4ONG RICHMOND VA
222.940 / 224.540
N4YEA DALLAS GA
WA4BVW MT MITCHELL NC
222.960 / 224.560
W4DOC ATLANTA GA
KD4RXF LANCASTER KY
W4EHF FAYETTEVILLE NC
KD4KAO COLUMBIA SC
KC4GYM #WEST COLUMBIA SC
222.980 / 224.580
NX9O #ALPHARETTA GA
WB4F PIKEVILLE KY
KR4AA ROCKY MOUNT NC
WA4RQF SURATOWN MT NC
KB4VFD CROSS SC
N4KFI KNOXVILLE TN
223.000 / 224.600
N4GIS CARTERSVILLE GA
WB4PLA ASHEVILLE NC
WA4HMT LAKE GASTON VA
223.020 / 224.620
W4ZTL ATLANTA/BELL GA
KD4DAR PIKEVILLE KY
N4THN GLOUCESTER PT. VA
223.040 / 224.640
WB6RTH #LOGANVILLE GA
W4ABZ RINGGOLD GA
WA4PEN RALEIGH NC
WA4RQF WINSTON-SALEM NC
KC4SWI COLUMBIA SC
KC4RGQ MORRISTOWN TN
223.060 / 224.660
W4BKM MACON GA
WB4PLA MARS HILL NC
AC4AM SUNSET BEACH NC
W4VFR SUMTER/SHAW SC
WR3S NASHVILLE TN
223.080 / 224.680
N4BZJ DALTON GA
WB4KPF WILMINGTON NC
KJ5CO OAKFIELD TN
KA4RCL WAYNESBORO VA
223.100 / 224.700
KC4PZD HIRAM GA
N4RBL LA GRANGE KY
W4RXG SAURATOWN MT NC
KD4GON GALLITAN TN
KD4IBW SEVIERVILLE TN
K4ARO PETERSBURG VA
223.120 / 224.720
KI4WR CLAYTON GA
WA4DAN TRENTON NC
KE4KO COLUMBIA TN
223.140 / 224.740
N4KVC DALTON GA
W5CJR HATTIESBURG MS
AC4UO OXFORD NC
N4PYI NASHVILLE TN
N4RAG #STAUNTON VA
N4WQJ VIRGINIA BEACH VA
223.160 / 224.760
W4BOC STONE MT GA
W4EXU SALISBURY NC
WQ4E GREENBRIER TN
KD4IBW MOORESBURG/SNEED TN
WA4TFZ CHARLOTTESVILLE VA
223.180 / 224.780
KC4LW ROCKMART GA
NM5D ACKERMAN MS
WB5OWY VICKSBURG MS
WA4WGY EDEN NC
KO4BR ORANGEBURG SC
K4VCM CHATTANOOGA TN
WA4UCI JC/BUFFALO MT TN
WA4KOG MEMPHIS TN
223.200 / 224.800
KC4ZGN ELLIJAY GA
KR4BD LEXINGTON KY
WB4PML MORGANTON NC

KD4WJD WENDELL NC
WQ4E GREENBRIAR TN
KD4IBW SEVIERVILLE TN
223.220 / 224.820
KK4C ATLANTA GA
W4MOP LOUISVILLE KY
NM5D ACKERMAN MS
N4DWU CANTON NC
AD4BX GREENSBORO NC
223.240 / 224.840
WB6RTH #ALPHARETTA GA
AC4MU WARNER ROBINS GA
WA4DAN GRIFTON NC
K4PHT DAYTON TN
KC4PRD NASHVILLE TN
N4PLV BEDFORD VA
223.260 / 224.860
KC4JNN ALPHARETTA GA
K4GYR SUMTER SC
WB4PVT HAMPTON VA
KJ4QQ PEARISBURG VA
223.280 / 224.880
WD4LUQ YORKVILLE GA
N4AI SOMERSET KY
K0VNO BAY ST. LOUIS MS
K4AIH ANDREWS/ROBBINSV NC
W4RXG SAURATOWN MT NC
N4DRL FISHERVILLE TN
223.300 / 224.900
WA4QPL MARIETTA GA
KE5ST PONTOTOC MS
KD4JFN HAW RIVER NC
N4EOY COLUMBIA SC
WA4ZOK CHATT/SIGNAL MT TN
WD4SBX GRAY/HOLSTON MTN TN
AA4HQ DELTAVILLE VA
K4YDG ROANOKE/TINKER VA
223.320 / 224.920
KD4JBQ FORT MOUNTAIN GA
KR4KS SNELLVILLE GA
W1IFL RALEIGH NC
W4NYK GRNVL/DOWNTOWN SC
N8LGA BLUEFIELD VA
223.340 / 224.940
WB4KXO AUGUSTA GA
KC4EV ROSSVILLE GA
AD4RU IRVINE KY
N4JJ FLORENCE SC
WB4NKM GREENEVILLE TN
WA4PCD NASHVILLE TN
AB4EM ROANOKE/CAHAS MT VA
223.360 / 224.960
N4ZJG HIRAM GA
K4JTX CHERRYVILLE NC
AA3CH GOLDSBORO NC
N4QVI GREENSBORO NC
N4UQS HENDERSONVILLE NC
KJ4RA LAVERGNE TN
223.380 / 224.980
K4JSR CUMMING GA
KB4PNG JARVIS KY

440 MHZ

434.000 / 421.250
W4ZTL ATLANTA/BELL GA
KK4TO SAVANNAH GA
KO4AT #GREENSBORO NC
N4CNN GOOSE CREEK SC
439.250 / 421.250
KB4PXX BRNSWK/JEKYLL IS GA
W4BEJ ELIZABETHTOWN KY
WB4FUR STENNIS SPACE CE MS
W4PPN CHARLOTTE NC
N4GUP LEXINGTON SC
WA4CDM KNOXVILLE TN
KJ4ZQ NASHVILLE TN
KB4TPI PULASKI TN
WA4UMU SUMTER SC
W4HTB BOWLING GREEN KY
KA5NOJ GAUTIER MS
KA5NOJ WAYNESBORO VA
W4MM ALBANY GA
WA4VHP SAVANNAH GA
W4NYR #SHELBY NC
426.250 / 439.250
N4FHL ROANOKE/POOR MT. VA
447.000 / 442.000
WB6RTH ALPHARETTA GA
N4ORL LOUISVILLE KY
WA4HMT GASBURG VA
WB3T WYTHE/WALKER MTN VA
447.025 / 442.025
WA4NMF ATLANTA GA
447.050 / 442.050
N1KDO MARIETTA GA
KD4ADJ LEXINGTON KY
KD4XV JASPER TN
WB4SQC JOHNSON CITY/HOL TN
WA4BJY MEDINA TN
447.025 / 442.075

W8BLA ROSWELL GA
447.075 / 442.075
N4VOS STANTON KY
KC4GYM COLUMBIA SC
KN4VY DAYTON TN
447.100 / 442.100
WA4CNG ATLANTA GA
N4RBL LOUISVILLE AREA KY
WB4TQD #SPARTA/GREEN MT NC
WD4PAX MILAN TN
447.125 / 442.125
N4PLP ROSSVILLE GA
KB4YFV HILLSVILLE VA
447.150 / 442.150
N4SE ROSWELL GA
KE4ZXZ CHAPEL HILL NC
WJ9J CHATTANOOGA TN
KB4TPI PULASKI TN
447.175 / 442.175
N4BZJ #DALTON GA
KD4CRM MARTINSVILLE VA
447.200 / 442.200
N3APR DECATUR GA
N5DWU ELLISVILLE MS
WB4IUY APEX NC
KM4GN WILMINGTON NC
KC4YCR BETHPAGE TN
WD4SBX GRAY/HOLSTON MT TN
WA4BJY OAKFIELD TN
447.225 / 442.225
WB6RTH #ATLANTA GA
WJ9J ROCKWOOD/OZONE TN
WB4GUG STUART VA
447.250 / 442.250
N5DWU ELLISVILLE MS
KB4PQA GREENVILLE SC
WD4DES CLEVELAND TN
WA4HTI COVINGTON VA
447.275 / 442.275
K4VTT MACON GA
N4ZCM AUBURN NC
447.300 / 442.300
N2NOG DULUTH GA
N4OOC MORG. WALKER TOP NC
WB4IUY WILSON NC
KC4OOZ SUMMERVILLE SC
N4UBR COOKEVILLE TN
KC4VDZ RICHMOND VA
AA8BS BECKLEY/BOLT WV
447.325 / 442.325
AA8NA MIDDLESBORO KY
N5DWU ELLISVILLE MS
WD4ICX ASHEBORO NC
N4JSR CHATTANOOGA TN
447.350 / 442.350
WD4NHW BALDWIN GA
KF5TU LAKE GASTON NC
WA4YGD LINCOLN/ANDSN MT NC
KF5TU DALLAS, TX ZZ
447.375 / 442.375
KE4QFG MARIETTA GA
447.375 / 442.375
KB4TOH COLUMBIA NC
W4RNR #SANFORD NC
WA4PXV WEST JEFFERSON NC
447.400 / 442.400
N4UER WARM SPRINGS GA
AA4XV LATONIA KY
KD4WJD WENDELL NC
WB4QHF PICKENS/CSRS HD SC
KF4YI LYNCHBG/JACK MT. VA
447.425 / 442.425
K4HCA CLARKESVILLE GA
KC4FIE MADISONVILLE KY
N4TZD LEXINGTON NC
447.450 / 442.450
KD4CLR LOUISVILLE AREA KY
N4LMR RALEIGH NC
KD4NEB CLEVELAND TN
447.475 / 442.475
K4NVG LAVONIA GA
KE4DGP WILKESBORO NC
447.500 / 442.500
KB4RYM LOUISVILLE KY
K4GFY MOREHEAD KY
K4YNY WILMINGTON NC
WA4NTZ KNOXVILLE TN
W4CA ROANOKE/POOR MT VA
447.525 / 442.525
WB5TUF ATLANTA GA
KC4KMV FORT WRIGHT KY
447.550 / 442.550
WB4JEH CONYERS GA
WD4ELX LOUISVILLE KY
WB4MMY PITTSBORO NC
WA4ZBE RICHMOND VA
447.575 / 442.575
KD4JBQ FORT MOUNTAIN GA
KB8EHJ HUNTINGTON WV
447.600 / 442.600

KC4FKD DUBLIN GA
WA4OKJ MARIETTA GA
KD4ADJ MT STERLING KY
N4USU MURPHY NC
N4SSB GALLATIN TN
K4ARO PETERSBURG VA
K4ARO ROANOKE VA
447.625 / 442.625
W4NSO GAINESVILLE GA
AC4AM SUNSET BEACH NC
WB4EPG MEMPHIS TN
447.650 / 442.650
KD4GEU ASHEVILLE NC
KD4JZI PALMER TN
WA1ZMS BEDFORD/APL ORCH VA
447.675 / 442.675
KD4BOH ROCKPORT KY
KD4RAA CARY NC
447.700 / 442.700
KC4ZGN ELLIJAY GA
KK4TO SAVANNAH GA
KC4SBK ATOKA TN
N4VG ROANOKE/POOR MT. VA
447.725 / 442.725
KE4QFG #MARIETTA/ATL GA
KB4YJ LOUISVILLE KY
N5LRQ VOSSBURG MS
WG4R GREENSBORO NC
447.750 / 442.750
N4EMM CONYERS GA
KM4GR BAKERSVILLE NC
447.775 / 442.775
KC4FIE MADISONVILLE KY
KE4CIF PULASKI VA
447.800 / 442.800
N4NFP ATL/MARIETTA GA
N4AAD YADKINVILLE NC
WB4EPG JACKSON TN
KB4MIC GUM SPRING VA
447.825 / 442.825
WF4G MEMPHIS TN
447.850 / 442.850
WB0QGH LAWRENCEVILLE GA
KA7JXU BREVARD NC
KA4IXK ROANOKE/POOR MTN VA
447.875 / 442.875
N4IWK MACON GA
KB5ZCX ROSE HILL MS
KC4WHL HARRIMAN TN
447.900 / 442.900
NZ3I HOG MOUNTAIN GA
AC4MU WARNER ROBINS GA
WB4AIA IRVINE KY
K4AZA THOMASVILLE NC
N4SSB NEW DEAL TN
KD4GCT PINSON TN
447.925 / 442.925
KC4YHM EATONTON GA
N4TZD LEXINGTON NC
N3SBK DELTONA, FL ZZ
447.950 / 442.950
N4XGI #ST SIMONS GA
AB4FU LYNCHBURG VA
447.975 / 442.975
WA4YNZ ATLANTA GA
KB8KSP ABINGDON VA
448.000 / 443.000
N4OGF CHATSWORTH GA
KK4YP PIKEVILLE NC
N4EOY COLUMBIA SC
W4ZJM MEMPHIS TN
KM4X WHITETOP MTN VA
WB8EZR HUNTINGTON WV
448.800 / 443.000
WA4KOG MEMPHIS TN
448.025 / 443.025
WA4NMF ATLANTA GA
KD4IEZ JULIETTE GA
KE4OOL LEXINGTON KY
AC4DZ BURLINGTON NC
KA8YEZ WHEELING WV
448.050 / 443.050
AA3CH GOLDSBORO NC
WB4PUB #NASHVILLE TN
448.075 / 443.075
KC4ZIZ MACON GA
KA4YMY SOPHIA/RANDLEMAN NC
KA4AZQ KNOXVILLE TN
448.100 / 443.100
N4KHQ DAHLONEGA GA
N4GGC SAURATOWN MT NC
KA4JXT MEMPHIS TN
KB4NKO CHESAPEAKE VA
KN4YM POWHATAN VA
N8FHE BUCKHANNON WV
448.125 / 443.125
WB4DEB HAMPTON GA
KB4PQA CRAB CREEK TWP NC
WA4NNA RALEIGH NC
448.150 / 443.150

W4QO ROSWELL/BELL GA
W4HG SALISBURY NC
K8MHR ST. ALBANS WV
448.175 / 443.175
KC4COV FLORENCE KY
KN4DE PATRICK SPRINGS VA
448.200 / 443.200
KD4APP HIGH HOUSE MTN GA
WB4OQX ROCHELLE GA
WA4ZIA #HAMLET NC
KD2LH #WAKE FOREST NC
KB4UG GRNVLE/VIKING MT TN
W4BS MEMPHIS TN
448.225 / 443.225
N4QCP JONESBORO GA
N4ZCM RALEIGH NC
448.250 / 443.250
KC4JNN #BISKEY MTN GA
KD4POG THOMASVILLE GA
KJ4VF DORTON KY
WD6GMQ GRAINGERS NC
N4JEX KANNAPOLIS NC
448.275 / 443.275
KC4KLW ROCKMART GA
WA4WTX ROUGEMONT/RED MT NC
WA4AWI LEBANON TN
448.300 / 443.300
KB5DZJ WIGGINS MS
KC4SVQ ARCHDALE NC
KC4IEV RATTLESNAKE MTN NC
WA4KJH GATLBG/COVE MT TN
448.325 / 443.325
N4JMD STOCKBRIDGE GA
N4JMD STOCKBRIDGE GA
N4EQT LAWRENCEBURG KY
448.350 / 443.350
N4YYD FORT MTN/CHATSWO GA
N5VEI PETAL MS
N4JEX KANNAPOLIS NC
ND4N GRNVLE/PARIS MT SC
WA4AWI DEASON TN
KD4GXE ROGERSVILLE TN
N4LFU RICHMOND VA
448.375 / 443.375
KC4AQS CALHOUN/JASPER GA
W1IFL RALEIGH NC
448.400 / 443.400
KD4EKZ CEDARTOWN GA
WB4GWA #CONCORD GA
KD4ITB RICH SQUARE NC
WB4GUG SAURATOWN MT NC
AD4DN WILMINGTON NC
WD4DBJ CUMBERLAND CITY TN
WA4QWW MEMPHIS TN
448.425 / 443.425
KD4CPO BRUNSWICK GA
KB4MDE JASPER GA
448.450 / 443.450
KB4VAK HIGH PT/LOOKT MT GA
WD4ELX LOUISVILLE KY
N4KMH HELENA MS
N4VOZ STATESVILLE NC
KC4RBA FOREST VA
448.475 / 443.475
KE4ZXZ CHAPEL HILL NC
WB4TWX FORT MILL SC
N8FWL BECKLEY WV
448.500 / 443.500
N4MTA MARIETTA GA
WD9EQC LOUISVILLE KY
N4TZV MAYSVILLE KY
WB4UBY META KY
AJ0X LAUREL MS
WD4PQZ G'BORO/H'POINT NC
WA4WKS PARIS/GROVE HL TN
KD4CWB SEVIERVILLE TN
448.525 / 443.525
KC4KLW ROCKMART GA
N4EUX BLROCK/LENOIR NC
KB4TLZ FARMVILLE VA
448.550 / 443.550
KK4IN DACULA GA
N4HZX GRAEFENBURG KY
KB5SAR WAYNESBORO MS
KC4XE ROARING GAP NC
KF4ADJ SMITHFIELD VA
448.575 / 443.575
KD4NTF CEDARTOWN GA
KA6UHV COLLEGEDALE TN
N4IDG LEBANON TN
448.600 / 443.600
KM4BA MARIETTA GA
K5HYE MENDENHALL MS
N4DWU MT MITCHELL NC
W8CXD FOREST VA
448.625 / 443.625
AA5RZ JACKSON, EAST MS
KE4EAN COWPENS SC
KC4MJN JAMESTOWN TN
WZ8E BLUEFIELD VA

448.650 / 443.650
KE4ZV ATLANTA GA
NM5D ACKERMAN MS
K4AIH ANDREWS/ROBBINSV NC
K4UMI HAMPTON VA
WB8BON ROANOKE/POOR MT. VA
448.675 / 443.675
N4GWO BARNESVILLE GA
KD4FRP CROWDERS MTN NC
KD4IBW SEVIERVILLE TN
448.700 / 443.700
KM4BA MARIETTA GA
W5CJR HATTIESBURG MS
N4LXW HIGH POINT NC
WA4LBT LOCUST NC
WA4DOR BARTLETT TN
WA4AXH HERMITAGE TN
KB4OTK LAFOLLETTE TN
448.725 / 443.725
N4OTT CARTHAGE TN
N8SNY WELCH WV
448.750 / 443.750
KL7TF COVINGTON GA
KC4ZTI GASTONIA/CROWDER NC
WB4EDS ALAMO TN
WD4KZK ROANOKE/AIRPORT VA
448.775 / 443.775
W4IXN DULUTH GA
AD4CR VERSAILLES KY
KD4JFN HAW RIVER NC
KB4YF LAURENS SC
KA4MHJ SPENCER TN
448.800 / 443.800
N4NFP ATLANTA/MARIETTA GA
N5IAT NATCHEZ MS
KC4QZL MORGANTON NC
WA4HNK SUMMERVILLE SC
KA4AZQ SEYMOUR TN
WA1ZMS BEDFORD/APL ORCH VA
K4NDH CHESAPEAKE VA
448.825 / 443.825
KD4WOU MONROE GA
WB4WTC BOONE NC
KA4YMY #SOPHIA/RANDLEMA NC
KC4KRM SHELBYVILLE TN
W3KZI PETERSBURG VA
448.850 / 443.850
WB4YSV WALESKA/PNLOG MT GA
N4ULM FRANKLIN TN
KQ4UU DANVILLE VA
448.875 / 443.875
KD4LXT ATLANTA GA
KC4KPW PINEY KNOB NC
W4DUM WILLIS VA
W8SP FAIRMONT WV
448.900 / 443.900
WB4DEB GRIFFIN GA
N5DWU WAYNESBORO MS
KB4JIF HIGH POINT NC
KD4HII SODDY-DAISY TN
N4EVG CHESAPEAKE VA
448.925 / 443.925
WA4LJU RINGGOLD GA
AB4YR SOUTH BOSTON VA
448.950 / 443.950
KA4UFM DECATUR GA
KC4TX CANE VALLEY KY
N5ZDF HAZLEHURST MS
KD4OWV CHARLOTTE NC
KM4GN #WILMINGTON NC
KC4FV ARNOLD A.F.B. TN
KD4JGK MEMPHIS TN
W4NTG WILLIAMSBURG VA
448.975 / 443.975
WA4WGY EDEN NC
KA0BRN MEMPHIS TN
KA4WJS ROCKWOOD TN
KJ4RA SMRYNA TN
N8FIP WESTON WV
449.000 / 444.000
WB4QDX LAWRENCEVILLE GA
WD4AFY SAVANNAH GA
AD4RU IRVINE KY
KG5YV CLINTON MS
K4JEQ HICKORY NC
KK4YP SELMA NC
N4JJ FLORENCE SC
WD4BKY GALLATIN TN
WA4ETE MEMPHIS TN
KD4CWB SEVIERVILLE TN
KK4SN PORTSMOUTH VA
KC8IT MULLENS WV
449.025 / 444.025
WB4QDX LAWRENCEVILLE GA
KD4JFN HIGH POINT NC
K4RDK MEMPHIS TN
449.050 / 444.050
N4NEQ ATLANTA/MARIETTA GA
KE4NLL SALYERSVILLE KY
K4OLC TAYLORSVL/BARR M NC
N4PYI NASHVILLE TN
KB4OLM STUARTS DRAFT VA
449.075 / 444.075
AG4L NEWTON NC
AB4UP ETHRIDGE TN
KC4PDQ MARYVILLE TN
KM4QA MEMPHIS TN
KD4TBC GRETNA/SMITH MT VA
K8OJC HURRICANE WV
449.100 / 444.100
W4BKM MACON GA
WD4MNI BOWLING GREEN KY
N4UL LOUISVILLE KY
WA4WTX DURHAM NC
N4MZL LANCASTER SC
W4AM CHATTANOOGA TN
KE4FH JOHNSON CITY TN
KA4JXT MEMPHIS TN
WD4FOZ STAUNTON/EL KNOB VA
KB4ZIN WILLIAMSBURG VA
449.125 / 444.125
KC4YOQ BOSTIC NC
WB4GUG MCLEANSVILLE NC
KA4JXT CORDOVA TN
KC4ECD LAFAYETTE TN
AA8BS PINEVILLE WV
449.150 / 444.150
W4ZTL ATLANTA/BELL GA
WB4IVB MIDDLESBORO KY
WD5BJT CLERMONT HARBOR MS
WB5YCR NEW ALBANY MS
N0IZF GASTONIA/CROWDER NC
KQ7E SUMTER SC
WB4NTM NASHVILLE TN
KI4ZR LEXNGTN/ROCK MT. VA
449.175 / 444.175
KE4FVE COVINGTON GA
KC4COV FLORENCE KY
KC4NNN KNOXVILLE TN
W2GLJ MEMPHIS TN
N8FMD CLARKSBURG WV
449.200 / 444.200
WB4LBM DECATUR GA
KR4PF MARION KY
WB4TRS PRESTONSBURG KY
WB4YNF AHOSKIE NC
KM4GN WILMINGTON NC
KC4GYM WEST COLUMBIA SC
KB4YTU BROWNSVILLE TN
KA4NEX MORRISTOWN TN
N4ARK NASHVILLE TN
WB4VWR ENON VA
N8ZVK FLATWOODS WV
KD4APH PENSACOLA, FL ZZ
449.225 / 444.225
WB4BDP WARNER ROBINS GA
N4VWK YANCEYVILLE NC
N4ARK NASHVILLE TN
449.250 / 444.250
W4BOC ATLANTA/STONE MT GA
KF4DC GLASGOW/CVCTY KY
KA5CYR GULFPORT MS
WA4KNI HENDSVL/BERWLW M NC
KD4BFI YOUNGSVILLE NC
WA4PAJ BARTLETT TN
WQ4E GREENBRIER TN
WA4TFZ CHARLOTTESVILLE VA
N8ZAR BUCKHANNON WV
449.275 / 444.275
K4VTT MACON GA
N4GYT HENDERSON KY
W4NC WINSTON-SALEM NC
W4GZX CLEVELAND TN
WA4AXH #LEBANON TN
449.300 / 444.300
KK4WH JENKINS KY
WB4ZZD LOUISVILLE KY
N4DRL BYHALIA MS
KC5RC HEIDELBERG MS
WB4WOR#GREENSBORO NC
KA4KNU WILLIAMSTON NC
N4MNH CHARLESTON SC
WB4GBI KNOXVILLE TN
WA4BZU NASHVILLE TN
KD4NVM MAPPSVILLE VA
449.325 / 444.325
KM4BA MARIETTA GA
KB5ZZC COLUMBUS MS
KB5KGE JACKSON MS
WA4QFV WHITAKER MTN NC
WA4BZU CLARKSVILLE TN
WB3T WYTHEVILLE/SAND VA
KA8ZXP GLENVILLE WV
449.350 / 444.350
W4MMQ HELEN GA
KC4WHD #LOOKOUT MTN GA
KB0Y VALDOSTA GA
K4CO WALTON KY
AC4DZ GIBSONVILLE NC
KR4LO GRANTSBORO NC
KE4GUA LEXINGTON SC
WD4BKY GALLATIN TN
W2GLJ GERMANTOWN TN
KD4CLA PIGEON FORGE TN
WB4DBB BEDFORD VA
WB8YST CHARLESTON WV
449.375 / 444.375
KB4IZF JASPER GA
KD4DAR PIKEVILLE KY
KB5HAV PEARL MS
N4OWU FANCY GAP VA
449.400 / 444.400
AA4UA AUGUSTA GA
WB4ULJ HAMILTON GA
KC4LU LAWRENCEVILLE GA
WB4YZF FAYETTEVILLE NC
KC4YOQ FOREST CITY NC
WA4KOG MEMPHIS TN
K4EAJ OAK RIDGE TN
KE4WA WATERTOWN TN
WF1G ALDERSON WV
449.425 / 444.425
KC4NNN KNOXVILLE TN
WA4ISI ALTAVISTA VA
KB8TJH SHIRLEY WV
449.450 / 444.450
W4DOC ATLANTA GA
N9APA #HENDERSON KY
KB5LCL JACKSON MS
W4CQ CHARLOTTE NC
KE4JMH WAYNESVILLE NC
KM4GN #WILMINGTON NC
KB4YTU BROWNSVILLE TN
WD4KWP GALLATIN TN
WJ9J SODDY DAISY TN
W8MOP BLUEFIELD VA
W8MOP BLUEFIELD WV
449.475 / 444.475
KD4GEY FOLKSTON GA
N4CLA SWEAT MT/MARIETT GA
AD4BI PIKEVILLE KY
KD4DNY GREENSBORO NC
AD4ZK NORFOLK VA
449.500 / 444.500
W4MM ALBANY GA
WB4UWL ATLANTA GA
N4BZJ #DALTON GA
W4MOP LOUISVILLE KY
WD4ICX LEXINGTON NC
K4GYR SUMTER SC
K4LSP BRISTOL/HLST MT TN
KB4KSL KNOXVILLE TN
N4WAH MEMPHIS TN
K4HEX LYNCHBURG/TOBRMT VA
WV8Y BUCKHANNON WV
449.525 / 444.525
WD4JWM CHESTER GA
KD4IEZ CHESTER GA
WD4JXR SNELLVILLE GA
KJ4VF GRETHEL KY
N5MRS NEW HEBRON MS
WA4PEN RALEIGH NC
KE4DGP WILKESBORO NC
KB4WCR LIBERTY SC
AC4AM MYB BCH/BRKSVIL SC
WA4BGK NASHVILLE TN
KD4IBW SEVIERVILLE TN
449.550 / 444.550
WB4JEH CONYERS GA
KN4KQ LEWISPORT KY
WB4VTE GASTONIA/SPCR MT NC
KK4VM ROANOKE RAPIDS NC
NQ4Y COOKEVILLE TN
NU5O MCNAIRY TN
K4OGT HAMPTON VA
WA4RTS LYNCHBURG VA
449.575 / 444.575
N4PLM DOUGLASVILLE GA
N4MVY PHELPS KY
N4HAJ KINSTON NC
K0SD SALISBURY NC
WA4WCK NASHVILLE TN
449.600 / 444.600
WA1KMS COVINGTON GA
WA4NKL QUITMAN GA
N4NMC LOUISVILLE KY
KC4FIE MADISONVILLE KY
WA4SJH SPRINGFIELD KY
KB5CO JACKSON MS
W4BFB CHARLOTTE NC
AC4UO OXFORD NC
KC4UDD NORTH CHARLESTON SC
WB4HAP KNOXVILL/ENG MTN TN
K0JXI MEMPHIS TN
WC8K WESTON WV
449.625 / 444.625
N4WQ ATLANTA GA
KB4QFL HAWESVILLE KY
N5OCF RICHTON MS
WB4DVN LUMBERTON NC
N4TK NASHVILLE TN
WZ8E BLUEFIELD VA
449.650 / 444.650
N4IBW SMYRNA GA
N5KOL BOWLING GREEN KY
KE5ST HORN LAKE MS
WB4FUR STENNIS SPACE CE MS
N5NBG WALLS MS
NE4J MIDDLESEX NC
N4MME SALISBURY NC
KM4GN #WILMINGTON NC
WB4NKM GREENEVILLE TN
N4OYS SHORT MTN TN
N4EHJ RICHMOND/CHARVLE VA
449.675 / 444.675
N4YTR PEACHTREE CITY GA
KC4VYX ROBINSON CREEK KY
AB5PR #GREENVILLE MS
KD4IL CHARLOTTE NC
KA4SQN JACKSONVILLE NC
KD4IHW RESEARCH TRI PK NC
WD4JMT MYR BCH/CONWAY SC
WA4PCD NASHVILLE TN
WD4MIZ NORFOLK VA
449.700 / 444.700
WD4LUQ DALLAS GA
KD4IEZ LAKE SINCLAIR GA
KD4QYK VALDOSTA GA
N5KOL BOWLING GREEN KY
NC5Y JACKSON MS
KB4LAF JEFFRSN/PHNX MTN NC
N4JEH ROCKY MOUNT NC
KM4AU DANVILLE/WHT OAK VA
N4WWB GATE CITY VA
K8LG MORGANTOWN WV
449.725 / 444.725
KD4AOZ WATKINSVILLE GA
KA4NCX HENDERSON KY
KC4ZY LEXINGTON KY
W4ZCD HICKORY FLAT MS
N4QDK WINSTON-SALEM NC
WB4RAV BLUFF CITY TN
WA4AKM FRANKLIN TN
KJ5CO OAKFIELD TN
KF8FO KEENY MTN WV
449.750 / 444.750
N4EMM CONYERS GA
KE4AIF HOPKINSVILLE KY
WB9SHH MONTICELLO KY
KA5CYR MCHENRY MS
W5VZF STARKVILLE MS
KC4YOT GASTONIA/CROWDER NC
KD4JFN PITTSBORO NC
K4TC HENDERSON TN
WD4KQI FOREST VA
WS8L CHARLESTON WV
449.775 / 444.775
N4NEQ ATLANTA/MARIETTA GA
N4IWZ ALLEN KY
KC4UPE NICHOLASVILLE KY
WA4RQF KING/SAURATOWN M NC
W4ATC RALEIGH NC
WA4AKM GALLATIN TN
449.800 / 444.800
WA4ASI COVINGTON GA
W4BEJ ELIZABETHTOWN KY
KB5CO JACKSON MS
AI4J GREENVILLE NC
K4YEC REIDSVILLE NC
KN4RG GAFFNEY SC
K0JXI MEMPHIS TN
KB4MIC OILVILLE VA
WF1G BECKLEY/OAK HILL WV
W8CUL MORGANTOWN WV
449.825 / 444.825
W4DOC ATLANTA GA
KC4VXR SALEM KY
KB5DSN AMORY MS
KF4UY MT AIRY/FSH PK NC
K5FC MEMPHIS/ADAMS MK TN
N4PYI SMITHVILLE TN
WA4ZBP STAUNTON VA
449.850 / 444.850
N4BZJ DALTON GA
KF4UM HINESVILLE GA
AA4NI NEBO KY
AB5DU INDIANOLA MS
WA5WRE POPLARVILLE MS
W4CQ CHARLOTTE NC
K4GMP WILMINGTON NC
WD4MWQ MCMINNVILLE TN
WA4NDQ NORTON/HIGH KNOB VA
K4ARO RICHMOND VA
WD4KZK ROANOKE/READ MTN VA
WJ8G ELKINS WV
AA8MR HUNTINGTON/CHAS WV
449.875 / 444.875
KC4ELV CONYERS GA
KC4UPE SALVISA KY
N5HTQ MCCOMB MS
N1BEC BALD CREEK NC
KD4RAA RALEIGH NC
KD4UWA CHATT/MONTLAKE M TN
WB7BOX JACKSON TN
WA4AKM NASHVILLE TN
KB4WTP BIG "A" MTN VA
449.900 / 444.900
NA4I AUGUSTA GA
KC4ZGN ELLIJAY GA
WB4IVB CORBIN KY
W4YWH HIGHLAND HEIGHTS KY
NM5D ACKERMAN MS
N4DWT ASHEVILLE NC
WD4JMS NEW BERN NC
NE4J WILSON NC
WB4MMI RAMER TN
N4IDG WATERTOWN TN
N4XRY FANCY GAP VA
N8SCS BELINGTON WV
449.925 / 444.925
WA4NNO ATLANTA GA
N4PJR JESUP GA
W4WZH GLASGOW KY
KO4LI OLIVE HILL KY
N5PYQ SOUTHAVEN MS
WB5TTE VICKSBURG MS
N4XRY MOUNT AIRY NC
AC4RZ EASLEY/SAS MTN SC
WA4BGK COLUMBIA TN
N4VIH DOVER TN
WB8BON ROANOKE/TINKER M VA
449.950 / 444.950
NA4I AUGUSTA GA
AC4MU PERRY GA
WD4EJA LEXINGTON KY
W5OXA BILOXI MS
W4DW APEX/RALEIGH NC
WA1WXL DALLAS/CHARLOTTE NC
KD4PBC CHARLESTON SC
KF4GP CLARKSVILLE TN
WB4NNE MEMPHIS TN
W4WRN STAUNTON VA
WA4KXV VIRGINIA BEACH VA
WB8CQV SO. CHARLESTON WV
449.975 / 444.975
WA4YNZ ATLANTA GA
K4TVE BRUNSWICK GA
WB4TAT ASHLAND KY
WB4CWF NICHOLASVILLE KY
KQ4ML ASHEBORO NC
KC4ZTJ POLKVILLE NC
WM3O ORANGEBURG SC
KD4LP MORRISTOWN TN
WA4AKM NASHVILLE TN
N4AZJ PEARISBURG VA
N8EKT WHEELING WV
443.850 / 448.850
WB4YSV WALUSKA/PINE LOG GA
439.250 / 911.250
KA5NOJ GAUTIER MS
W4HTB BOWLING GREEN KY
426.250 / 923.250
K4HEX LYNCHBURG VA
WA4CDM KNOXVILLE TN
439.250 /1280.000
W4HTB BOWLING GREEN KY

1270 MHZ

1253.250 / 421.250
N4WAH BARTLETT TN
1265.000 / 421.250
N4BZJ DALTON ATV GA
1255.000 / 427.250
N4NEQ ATL/MARIETTA GA
1277.250 / 427.250
WB4IUY WENDELL NC
KD4EEW NASHVILLE TN
W4PPN #CHARLOTTE NC
1272.400 /1284.400
W4WXJ NASHVILLE TN
1274.500 /1286.500
KB4ZOE NASHVILLE TN
1271.020 /1291.020
WB4DBB ROANOKE/POOR MTN VA
1271.100 /1291.100
WA1ZMS BEDFORD/APL ORCH VA
1271.400 /1291.400
W4DOC ATLANTA NORTH GA
KB4SXY GREENSBORO NC
1272.000 /1292.000
KB4KIN ATLANTA/BELL GA
N4HKS MEMPHIS TN
1272.820 /1292.820
N0IZF GASTONIA/CROWDER NC

NOBODY LISTS REPEATERS LIKE THE *Repeater Journal!*

Foundation For Amateur Radio announces scholarship winners

The **Foundation For Amateur Radio, Inc.** (FAR) is pleased to announce the 1995 winners for the 55 scholarship which it administers.

These scholarships were open to all licensed Radio Amateurs meeting the qualifications and residence requirements of the various sponsors. The **Foundation** is a non-profit organization, incorporated in the District of Columbia, representing more than 75 clubs in Maryland, DC, and Northern Virginia. It is devoted exclusively to the scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

Announcements of our 1996 awards will appear in March or April issues of major Amateur Radio publications and selected radio club newsletters.

1995 FAR Scholarship Winners

John W. Gore Memorial Scholarship - $1,250 to Craig A. Gullickson, KC6CEX, Fresno, CA.

Edwin S. Van Deusen Memorial Scholarship - $1,250 to Thomas G. Schmidt, KD4WNP, Chapel Hill, NC.

QCWA Memorial Scholarships - 14 @ $700 each. - Brenda Lee Boehm, KB0NUJ, LeMars, IA; David Bowles, N1MZZ, Sharon NH.; Danielle Cale, N8KCC, Massilon, OH.; Leah D. Choper, N3RLN, Greenbelt, MD.; Rebecca A. Franke, KB9ZBA, Ft. Wayne, IN.; James W. Gregory, AD4GN, Paducah, KY.; Jason Handwerker, N1UEQ, Lexington, MA.; Grant P. Kesselring, N0ICI, Ottumwa, IA.; Peter P. Lanoie, KB1AVL, Conway, NH.; and Daniel L. Sperring, N6VBB, Galt, CA.

QCWA Robert Cresap Memorial Scholarship - Adam B. Schmouder, KA3CJZ, Trout Run, PA.

QCWA Leo Meyerson Family Living Scholarship - Carolyn Reiring, KB6EEK, Madera, CA.

Max Jacobson-John Killeher Family Scholarship - Jeffrey J. Ruth, N3THP, Allentown, PA.

Ralph Hasslinger Charter Member Memorial Scholarship - Scott Zastoupil, KB0KFX, Williston, ND.

Radio Club of America Scholarships - 4 @ $500 each - in Memory of Jack Poppele - Zachary D. Sadecki, KB7FUV, Ashton, ID. In Memory of J. Alan Biggs, K4AA - Matthew Huffman, KD4UPL, Harrisonburg, VA. From the Leo Myerson Fund - James C. Sikorski, N3PBH, Wapwallopen, PA. From the RCA Grant-in-Aid Fund - Taras B. Zima, KD6VWQ, Reno, NV.

Richard G. Chichester Mem. Scholarship - $1,000, Sponsored by Patricia and Jack (W9AMF) Chichester - Elizaberth Ann Skolaut, KA0YSP, Great Bend, KS.

Young Ladies' Radio Relay League Scholarship - $1,200 - Crissandra N. Thrun, N2UOP, Allegany, NY.

Columbia Amateur RA Scholarship - $1,000 - David MacCormack, N3BUX, Ellicott City, MD.

Baltimore ARC Scholarships - 4 @ $1,000 Each. - Edward J. Calhoon, N3GJI, Arnold, MD; Amy E. Chadwick, KA3TMI, Kensington, MD; Andrew M. Leeds, N3MCB, Finksburg, MD and Nicholas P. Schaub, KE3HV, Baltimore, MD.

Ralph V. "Andy" Anderson, K0NL, Memorial Scholarship - $1,000 - John Rask, KJ5LM, Taylor Lake Village, TX.

Dade Radio Club Tropical Hamboree Scholarships - $1,000 each - Tony Drake, KC4OBY, Bradenton, FL and LeAnn S. Kessler, N4ZYJ, Pensacola, FL.

Rose Ellen Bills Mem. Scholarship - $2,000 - David A. Arthur, N2ISB, Charlton, NY.

Victor C. Clark Memorial Scholarship - $1,000 - Spon. by the Vienna Wireless Soc. - Lawrence Baugh, AD4FX, Stafford, VA.

Frederick ARC Scholarship - $1,000 - Michael McFalls, N3RAD, Manchester, MD.

10-10 Int. Net Scholarships - $750 each - Stuart Meyers, KB8JBK, Oxford OH and Samuel Wettling, KC4VIL, Glen Ellyn, IL.

WARAC Mem. Scholarships - $1,000 each - Timothy J. Czerwonka, WO9U, Chetek, WI., Steven D. Miller, KB9DFE, Spooner, WI.; and Karen M. Schneider, N9SVA, Appleton, WI.

Kevin Barry Perdue Mem. Scholarship - $1,000 - Spon. by Kay (WT3P) and Carter (KD3AO Craigie - Laura K. Gregory, KD4ULM, Paducah, KY.

South Milwaukee ARC Scholarships - $500 each - Ervin E. Roman-Bravo, N9YNU, Milwaukee, WI; Jeremy Charles, N9VHT, Madison, WI; Michael D. Kaun, N9RNC, Menomonie, WI and Ray G. Meyer, N9PBY, Port Washington, WI.

Nanticoke ARC Scholarship - $1,000 - James R. Phillips, KA3WSZ, Newark, DE.

Murgas ARC Scholarship - $500 - Suzanne L. Chimel, KD3GG, Clark Summit, PA.

Virginia Beach Hamfest Scholarships - $500 each - Victoria L. Crawford, N4XDR, Va. Beach, VA; Michelle Czaikowski, N4QHT, Stephens City, VA; Gregory Harris, KC4VRS, Oremo, VA and Christopher Schaab, KD4NFW, Va. Beach, VA.

Martin County ARA Scholarship - $1,000 - Peggy Murphy, KE4QKQ, Gainesville, FL.

Redington-Grenfell Mem. Scholarship - $500 - Eric J. Shook, KF8DF, Jackson, MI.

Baltimore Radio Am. TV Society Scholarship - $1,000 - Stephen T. Abernethy, N3QKJ, Accokeek, MD.

Beatrice Chapman, K1OKC, Family Mem. Scholarship - $500, Spon. by the Augusta ARA - Matthew Albert, N1LOT, Fort Kent, ME.

Robert E. True Memorial Scholarship - $500, Spon. by Mrs. Shirley True Banning - Scott A. Noschang, KF8NN, Milford, OH.

Wilbur Bevan, N3BET, Mem. Scholarship - $500, Spon. by the Anne Arundel RC - David Frey, KA3VIH, Mercersburg, PA.

CQ Intruduces New 1995 Edition of the "Beginners Guide to Amateur Radio"

CQ Communications announces the 1995 edition of the "**Beginners Guide to Amateur Radio.**"

This annual publication is filled with feature articles and practical advise for the new ham. In another section is a comprehensive Directory of equipment, antennas, software and reference material.

Finally, a Directory of Amateur radio manufacturers and dealers is listed.

The new Beginners Guide is a handy tool for the new Amateur who is looking for information, especially new equipment, and where it can be obtained.

For information, contact CQ at (516) 681-2926.

$15.00 each
Plus $3.00 Shipping/Handling

CUSTOM LICENSE PLATES

FOR ALL STATES - ALSO SILVER SPARKLE AND WHITE BACKGROUND
Each License Plate includes Chrome Frame, clear protective sheet, nuts & bolts.

CALL OR WRITE TODAY!!
Get Your Custom License Plates
Call Letters or Name - Your State

MONEY ORDER, CASHIERS CHECKS CREDIT CARDS ACCEPTED: VISA & MASTERCARD

West Virginia Residents add 6% Sales Tax.

CUSTOM 4-U
ROUTE 1, BOX 66-D
POCA, WV 25159
(304) 755-5072
William L. Gillespie, Owner

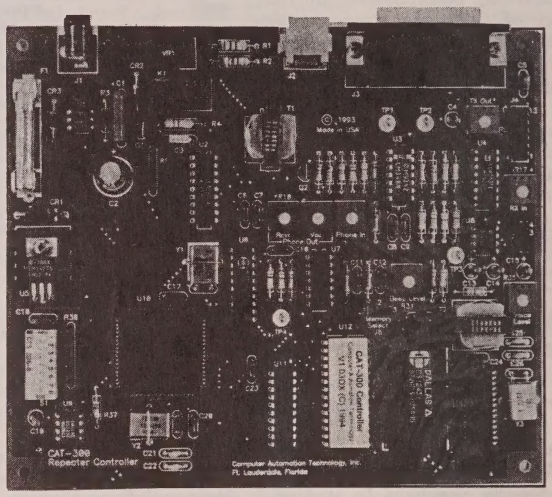
These license plates are for novelty use only and not intended to replace Official State License Plates!!

CAT-300 Repeater Controller

Attention Repeater Owners
Finally a repeater controller with a TI voice synthesizer and full feature autopatch incredibly priced at ***$299.00.***

Features Include:

- ✓ *Voice Synthesizer*
- ✓ *(412) Word Vocabulary*
- ✓ *Twelve Voice Messages*
- ✓ *Two Voice Identifiers*
- ✓ *CW Identifier*
- ✓ *Full Feature Autopatch*
- ✓ *User Speed Dials*
- ✓ *Emergency Speed Dials*
- ✓ *Reverse Autopatch*
- ✓ *DTMF Key Pad Test*
- ✓ *DTMF Repeater Access*
- ✓ *DTMF Repeater Muting*
- ✓ *(56) Control Functions*
- ✓ *Remote Control Switches*
- ✓ *Hardware Logic Inputs*
- ✓ *DVR Controller Ready **



- ✓ *Female Voice & Sound Effects*
- ✓ *Programmable Courtesy Tones*
- ✓ *Programmable Codes and Timers*

** (Requires MF-1000 Serial Interface Card $59.00)*

Write or Call for a brochure describing the CAT-300 Controller, including schematic, voice word list, and control functions.

CAT-300 Controller Board $299.00 Wired and Tested

Computer Automation Technology, Inc.
4631 N.W. 31st Avenue, Suite 142, Fort Lauderdale, Florida 33309
(305) 978-6171

• • • ANNOUNCING • • •

CLEAR, CRISP, & STRONG REPEAT AUDIO!

C3I® HAS RELEASED SEVERAL NEW PRODUCTS AND IS SETTING THE NEW STANDARD IN AUDIO PROCESSING TECHNOLOGY

- OUR NEW C3I-100PG, WITH PATENT-PENDING AGC, WILL MAKE ALL YOUR USERS VERY PLEASED. ELIMINATE WEAK AUDIO, STOP "PICKED FENCING", BRING EVERYONE USING YOUR REPEATER UP TO FULL QUIETING WITHOUT RAISING YOUR NOSIE FLOOR OR HEARING THE PUMPING ACTION ASSOCIATED WITH ALL OTHER AGC CIRCUITS. THIS NEW PRODUCT IS OUR HOTTEST SELLER, 100s ARE NOW IN USE, CALL FOR FURTHER DETAILS. THIS IS AN AUDIO PROCESSOR AS WELL, SIMILAR TO OUR STANDARD PRODUCT, THE C3I-1000P.
- OUR NEW C3I-1000TT, IS A PANEL-MOUNT, 16 BUTTON MATRIX, SELECTABLE LOGIC, DTMF PAD, WITH FULL CONTROL OVER AUDIO LEVEL AND TIMING. WORKS PERFECTLY WITH THOSE CONTROLS THAT DEMAND PRESENCE OF COS BEFORE DECODING. NOW YOU WON'T HAVE TO USE A FAKE DTMF TO SIMULATE COS BEING PRESENT.
- ARE YOU TIRED OF LISTENING TO USER SQUELCH TAILS? GET RID OF THEM WITH OUR C3I-1000D, AUDIO DELAY MODULE.
- SOON-TO-BE-RELEASED: THE C3I-1000DVR, DIGITAL VOICE RECORDER; AND, OUR C3I-1000SQ, SIGNAL QUALITY VERIFIER. DETAILS WILL FOLLOW.
- YOUR CONTROLLER WILL INSTALL WITH EASE IN OUR CUSTOM FABRICATED RM-1000 EMI ENCLOSURE, COMPLETE WITH POWER SUPPLY AND SPACE FOR OTHER OPTIONS. THE RM-1000 IS AVAILABLE NOW FOR YOUR CAT-300, 500 AND CAT-1000 REPEATER CONTROLLERS, OR ANY OTHER CONTROLLER MOTHERBOARD!
- OUR RELATIONSHIP WITH COMPUTER AUTOMATION TECHNOLOGIES, THE CAT-300, 500 & 1000 PEOPLE, ALLOWS US TO FULLY INTEGRATE YOUR NEW CONTROLLER INTO OUR ENCLOSURE, ADDING C3I® OPTIONS, AND FULLY TESTING YOUR CONTROLLER BEFORE DELIVERY.
- LET US HELP YOU REACH TOP PERFORMANCE! CALL OR WRITE TODAY FOR YOUR FREE INFORMATION KIT ON ALL C3I® PRODUCTS TO INCLUDE OUR LOW NOISE / HIGH REJECTION RF PRESELECTORS, REPEATER REMOTES & OTHER AUDIO PRODUCTS.

1-800-224-5137

C3I® , 406 NORTH PITT STREET, ALEXANDRIA, VA, 22314-2316
(703) 684-6980 OFFICE, (703) 684-1382 FAX

Owen Wormser, K6LEW *Sam Ruffin, KM4OI*

North Carolina News - by Gene Fegely,

Send News to: K3EJG 115 Randomwood Lane, New Bern, NC 28562

For the first time in four years, this columnist won't write about his Field Day trip: I didn't make one this year. Unfortunately, my son Hugh, N3GJG, was involved in a motorcycle accident in Kings Bay, Georgia, earlier in June, and his recovery was uppermost in our thoughts.

He's doing fine, the Navy surgeons fixed several broken bones in his right leg, and gave him 30 days recuperative leave. That gave him time to work on the #FLK.SEGA packet node he has opened at his home in Folkston.

Carl Capps honored

Got the news that Carl Capps, N4TIE, has stepped down as Eastern Carolina's Skywarn coordinator. Carl received a plaque for his dedicated efforts in establishing one of the outstanding weather reporting groups in the nation. Sandy Downs, KE4CTJ, replaces Carl.

Covering the fifteen counties in Eastern North Carolina, Skywarn operates on the Trenton 145.21 repeater, with Grifton's 146.685 as the backup. It's become a regular with me this spring as the many storms have brought high winds and rain of unusual nature for this ex-northerner.

Another interesting article from the ENC Skywatcher concerned the installation of a new weather radio digital console programming system at the Newport site, replacing the old tape cartridge system. The new equipment is housed in a single rack mount just an inch and three-quarters high, compared to the tape console of 3 feet wide by 6 feet high!

Jon Matlock, KE4IAM, reports in the Greensboro GARA Feedline his Skywarn packet station is operational as KE4IAM-10, with bulletins and announcements at KE4IAM-11. It operates on 145.65.

Pamlico Sounds Editor Bob Richardson, KR4TW, and Beaufort EC George Armistead, KD4MTN, attended a Columbia ARES meeting to discuss the separation of the Albemarle area Skywarn when the northern repeaters are more concerned with Virginia weather. Bob reported much interest in increasing emergency coordination.

The Raleigh RARS Exciter had a fine article by Skywarn EC Jerry Stuckle, AI0K, explaining the basics of the system and soliciting additional members to take spotter training and becoming involved.

Tom Klimala, KM4LB, is currently regrouping the Wake County ARES members, by asking the over 200 members on the list to commit to levels of participation. An automated call-up program is planned, plus on-air training sessions.

Davidson County ARES held an open house at the county Agricultural Center to show off the Emergency Communication Center in Lexington.

ANDERSON HAMFEST AND COMPUTER FAIR

SATURDAY - SEPTEMBER 16, 1995

9:00 AM - 2:00 PM

ANDERSON CIVIC CENTER

3027 MALL ROAD - ANDERSON, SC

TALK-IN 146.79

TICKETS - $4.00 ADVANCE, $5.00 AT THE DOOR

DEALER TABLES - $10.00 SOME W/ELEC.

FLEA MARKET - MINIMUM ONE TICKET PER SPACE

VE EXAMS - 9:00 AM ON PREMISES - FEE $5.90

FREE PARKING - RV PARKING W/O HOOK-UPS

SEND SASE TO:

ANDERSON RADIO CLUB

P.O. BOX 1525 - ANDERSON, SC 29622

INQUIRIES CALL: (803) 964-9097 - FAX: (803) 225-0567

Ten Meter Repeater WAS

Triangle East ARS is offering several certificates to promote repeater activity on ten meters. The certificates cover all mobile, mixed mobile and fixed, and special awards for 25 contacts with DX stations. There is no starting date, so contacts made via the early AM repeaters may qualify.

There are four categories of awards for contacts with 50 states made through the many ten meter repeaters that are springing up around the country. A $3.00 certificate handling fee is required with photocopies of QSL cards.

Even contacts made through ten-meter links to other bands are acceptable, announced Dave Hockaday, WB4IUY. His address is: 7804 River Dare Avenue, Youngsville, NC 27596. I'm sure a self addressed, stamped envelope will get a full explanation for obtaining the award.

The group also made its annual trek to Bear Wallow mountain on June 10-11, for the VHF/UHF contest weekend. They operated from the 6 meter band through 440. Field day was held in cooperation with the Franklin County ARC at the 145.11 repeater site near Youngsville.

Other Field Day Sites

With a nice map and directions, I had planned to make it to the "Mr. Willard Moore's" FD site of the High Point ARC as the turning around point of my travels, and then work my way back through Gary and Raleigh to the Pamlico ARC's site at Camp Bonner. Pamlico operated with its new club call, KE4ZPV, thanks to the efforts of Kirk Blackmon, N4QEO.

The Pamlico ARC, only in its second year of operation, met at the Camp Bonner North site, and planned a big evening meal, complete with special ticket designed by Marcia Johns, KE4ZDS. This club is also forming a Ladies Auxiliary to support the efforts of the members. Jim, KD4AUI, and Linda, KE4YLU, Cooper are seeking members.

Lenoir ARC's News and Views reports the "Centralina" club planned its activity at the Hickory City Park behind Arby's. Tom Land, KA4HKK, coordinated the activity. Lenoir ARC was located at Redwood Park, and Morganton at the Drexel Fairgrounds.

Didn't hear much from the Carteret County Field Day group, I think the rainy weather got to them. New Bern ARC elected not to participate this year. Someone reported Kinston was flooded out, so efforts this year in the East Carolina area were slim, it appears.

ARRL Service Award

Congratulations to Jim MacLeod, W4NHW, of Lumberton, for receiving the 1994 Roanoke Division ARRL Award. Jim was a founding member of the Mecklenberg ARS and very active in ARES, RACES, and other emergency services groups.

First licensed in 1948, Jim set up the Robeson County CD communications center in 1960, and even outfitted his mobile home as a communications center, still in operation today. He founded a VE team in Lumberton and has taught many radio classes there.

This award was created by Vic Clark, W4KFC, in 1968 to honor Roanoke Division amateurs who have devoted time and effort to the improvement of amateur radio. A nomina-

Continued on Page 42

STARTEK INTERNATIONAL INC.
FREQUENCY COUNTERS

FIND FREQUENCIES FAST with the *Startek ATH™ Series*
Four *AUTO TRIGGER & HOLD* Models, TWO Priced *Below $200!!*

NEW! ATH-10

$149. $179 value

ATH™ SERIES FEATURES:
- Easy to use - simple controls
- Ultra fast response time
- Extra **BRIGHT LED** digits
- AC or Battery operation
- Maximized sensitivity

MADE IN USA

$189. $235 value

WARRANTY
5 Years Parts
1 Year Labor

Optional #TA-90 Antenna

BAND PASS FILTERS

ACCESSORIES

#CC-90	Soft Case for all models	$12.
#TA-90	Telescope BNC antenna	12.
#TA-90-L	Telescope Elbow BNC antenna	16.
#RD-150	150 MHZ Rubber Duck antenna	16.
#RD-2750	27 & 50 MHZ Rubber Duck antenna	28.
#RD-450	450 MHZ Rubber Duck antenna	16.
#RD-800	Cellular phone band RD antenna	29.
#C/6A	**ABOVE 7 items, SAVE $30**	**...99.**
#M-207-IC	Interface Cable MFJ ant. analyzers	10.
#P-110	200 MHZ 1X-10X probe	39.
#LP-22	Low Pass, Audio probe	25.
#DC-10	Direct, 50 OHM probe	20.

FEATURES

	ATH-10 $149 reg $179	ATH-15 $189 reg $235	ATH-30 $249 reg $299	ATH-50 $289 reg $339
FREQUENCY RANGE	1 MHZ - 1200 MHZ	1 MHZ - 1500 MHZ	1 MHZ - 2800 MHZ	5 HZ - 2800 MHZ
AUTO TRIGGER & HOLD	YES	YES	YES	YES
SIGNAL BAR GRAPH	NO	YES	YES	YES
LOW BATTERY IND.	NO	YES	YES	YES
ONE-SHOT & RESET	NO	OPTIONAL	YES	YES
HI-Z LOW RANGE	NO	NO	NO	YES

OPTION #HST-15 is a high accuracy, high stability, time base upgrade that can be ordered with any ATH series model (0.2PPM TCXO).....**$100.**

Extend readablilty distance with **BAND PASS FILTERS. $49 ea.**

#LP-60 DC - 60 MHZ
#BP-150 130 - 500 MHZ
#HP-400 400 - 1500 MHZ
#HP-800 800 - 2000 MHZ
#BP-4 All 4 Filters $189

Factory Direct Order Lines
SAME DAY SHIPMENT
Orders & Information
305-561-2211
Orders Only
800-638-8050
FAX 305-561-9133

MasterCard VISA DISCOVER

Model 1350
Economy Frequency Counter
1-1300 MHZ, 3 GT, Hold Sw.
(No ATH or Bar Graph)....**$119.**

All instruments are true Pocket Size: 4" High x 3.5" Wide x 1" Deep, <14 cubic in. and are shipped with factory installed Ni-Cad batteries and AC charger/adapter. Antennas are optional.

STARTEK INTERNATIONAL INC.
398 NE 38th St., Ft. Lauderdale, FL 33334

Terms: Shipping/handling charges U.S. & Canada 5% ($5 min., $10 max) Others add 15%. FL residents add 6% tax. COD fee $5. VISA, MC, Discover accepted. Prices & specifications subject to change without notice or obligation.

North Carolina News Continues

tion form appeared in the Spring edition of the Roanoke Newsletter.

Also a reminder to all club bulletin editors that the ARRL will send a copy of the ARRL Letter on a trial basis for one year free of charge upon request, according to editor Dennis Bodson, W4PWF.

Balloon Launch

Greensboro ARC and Guilford County ARES members were observers at a weather balloon launch at a meeting in June. Bill Barret, meteorology technician with NWS, explained the launch which occurs twice daily at seven o'clock from the Piedmont Triad Airport.

The group watched and listened on the monitoring equipment as the transmitter sent data before the balloon burst, reported Editor Tom Forrest, N4GVK. Altitudes of nearly 100,000 feet are often attained before releasing the radio equipment with a parachute. Unfortunately, only about 25 percent of the equipment is located and returned to NWS.

Another major activity for the club was successful as they provided communications for the Wrangler Jeans/MacDonald's Youth Soccer Classic in May. An impressive project, it involved 476 games by 273 teams in 47 divisions on 48 soccer fields. An estimated 4900 players, coaches and managers participated, not counting parents and other spectators, reports Allen Bradley, KD4IUN.

Successful use of the "J-pole" antennas built as a club project and a new computer program to handle reports gave perfect accuracy to the scoring accuracy and impressed Tournament Director Jay Jones. This was the 17th annual tourney. The club's next project I want to attend is the picnic and Ice Cream Social on September 15th... one of these days, I might get invited if I hint enough...

Other Bulletin Notes

The NC Alligators Group Newsletter, regularly sent me by Walt Bastow, N4KVF, seeks members who had 2-way radio contacts 40 or more years ago on amateur, commercial or military frequencies. I wonder if I qualify with my spark coil setup from my family's attic in 1945? It sure covered all those frequencies, and was received by an army sergeant who was home on leave and lived across the street.

NAG-Ragchew is sponsored by the Salisbury Hamfest proceeds, held yearly on the Second Saturday in July. The group has a code practice session on Mondays and Wednesdays at 7:30 PM on 28.125 Mhz. and a regular net at 8:30 Mondays on 28.350.

* * * * *

Roy Neal, K6DUE, of High Point, was featured in April edition of World Radio magazine. First licensed at 14, in Wayne, PA, he worked for NBC in Philadelphia and Los Angeles, but is best know as the NBC anchorman for the space flight from Mercury through the shuttle era.

He is credited with "putting hams in space" as well as being the impetus for the SAREX program with the cooperation of the ARRL and AMSAT. He reports his greatest thrill was broadcasting for 36 hours from Mission Control during the abortive flight of Apollo 13, now featured in a movie with Tom Hanks.

* * * * *

Cliff Britton, WB4ITU, combined two hobbies, amateur radio and motorcycling, to be featured in the Pamlico Sounds Newsletter. An ordained minister, and substitute teacher, he retired from the military in 1973 after 20 years of service to pursue his second careers.

Married to wife Ada for 40 years, they have three daughters and two sons, plus 10 grandchildren. I guess sometimes you just have to be alone with your bike and radio when they all come to call... right, Cliff???

Pamlico also reported a special event station in Tyrell County for County Hunters that netted 35 contacts in less than five hours at the demonstration in Veteran's Park. Included participants were: Kirk Blackmon, N4QEO; Frankie Buck, KA4APA; Joel Sondys, KD4WIT; and Woody, Tex, Jennifer and Gene Unterzuber.

* * * * *

Section Manager Reed Whitten, AB4W, spoke to the New Bern ARC, and congratulated Dave Works, KE4LNU, on his appointment as Craven County EC. Reed emphasized that this is probably the most important job in amateur radio, as he extolled the emergency preparedness of the field organizations in North Carolina.

Model railroading was the topic for Tommie Phelps, WA4EME, at the May meeting of NBARC. A new level of sophistication in model building has been introduced through the use of microchips, and a layout has few limitations in miniaturized reality.

* * * * *

High Point ARC had visitors from England, Bob and Wendy Pierce (call missing), as featured speakers in May. Bob answered questions about ham radio in England, and even got into some details about the new "chunnel" to France recently opened. (Wish I'd been there). The group meets at the Pioneer Restaurant on Main Street in Archdale, NC, on the first Monday of the month.

* * * * *

Congratulations to the RARS Exciter, which garnered the highest possible rating of "Excellent" in the 1994 Amateur Radio News Service contest. The ARNS is a national organization that seeks to assist the editors of radio club newsletters. Curt Phillips, KD4YU, is RARS editor.

Their May meeting featured a "rig doctor" program where members brought in broken or ailing rigs for diagnoses of problems. No "fixing" was done, and the accuracy of the diagnosis wasn't guaranteed, but it gave great insight into electronic troubleshooting.

A happy birthday was sent to Jesse Hodges, W4JG, 92 years old and first on the air in 1914!

IRI AMATEUR ELECTRONICS HAS
ANTTRON, MALDOL & GENESYS
ANTENNAS & ACCESSORIES

With this Ad we will take 10% off your order!!

ANTTRON
GENESYS
Maldol

VISA
We Gladly Accept
MasterCard

We Accept: MASTERCARD, VISA, CASH, CHECKS, COD ORDERS WELCOME (CASH ONLY). Shipped by UPS ONLY. Shipping charges added to order. N.C. Residents add 6% Sales Tax.

IRI AMATEUR ELECTRONICS
918 Plantation Farms Road
Greensboro, NC 27409 - (910) 299-1725
Hours: 10 AM to 6 PM MON thru FRI
10 AM to 4 PM SATURDAY
Closed Sundays & Hamfest Weekends

Keep Up With The Latest Repeater Listings - Only in The Repeater Journal

SERA Repeater Journal Advertising Rate Card

Effective 1 January 1995

ADVERTISING SIZES & RATES

Full Color Covers Bleed 8-1/2x11"	$400.00
Full-Page 7-1/4x9-7/8"	$150.00
Full-Page Bleed 8-1/2x11"	$175.00
2/3-Page (V) 4-3/4x9-7/8"	$112.00
1/2-Page (H) 7-1/4x4-3/4"	$82.00
1/2-Page (V) 4-3/4x7-1/2"	$82.00
1/2-Page (V) 3-1/2x9-7/8"	$82.00
1/3-Page (V) 2-1/4x9-7/8"	$60.00
1/3-Page (H) 4-3/4x5"	$60.00
1/4-Page (V) 3-1/2x4-3/4"	$48.00
1/4-Page (H) 4-3/4x3-3/4"	$48.00
1/4-Page (H) 7-1/4x2-3/8"	$48.00
1/6-Page (V) 2-1/4x4-3/4"	$33.00
1/6-Page (H) 4-3/4x2-1/4"	$33.00
1/6-Page (H) 3-1/2x3"	$33.00
1/12-Page (V) 2-1/4x2-3/8"	$17.00
Club/Repr Cards (4 Issue Contr)	$27.00
Classified (30 Words Max.)	$4.50
SPOT COLOR (each ad/page)	$50.00
SPOT COLOR (Dbl 2-pgs side-by-side)	$50.00

2nd Color usually bright Red with/black

AD INSERTION ORDERS

Due to a volunteer staff we cannot send out and receive advertising contracts and notices. Your invoice will contain information pertaining to future insertions. If we do not receive any instructions on your returned invoice copy, your ad will be repeated and invoiced the upcoming quarter. The ONLY exception is HAMFEST advertising. They must be ordered each edition for insertion.

NO ADVERTISING DISCOUNTS

Advertising invoices are due upon receipt. Unpaid invoices will require us to withhold any additional ads in until account is paid in full.

SPECIFICATIONS & GENERAL

Sizes listed Above are width by length in that order. Ads received that do not fit dimensions will be adjusted to the nearest ad size and be billed $8.00 production fee. The ad will be billed at the size rate it had to be adjusted to.

Prices quoted are for exact size, camera-ready positive photoprint, pasteup or Laser print ad copy.

Full color ads for covers require negatives, right-reading emulsion down, sized for full 8-1/2x11 crop. 150-Line screens preferred. Color Match Proof, Color Key or Pre-printed tearsheet should accompany negatives.

Camera work, design, typesetting, pasteup is available at a nominal charge.

The Repeater Journal cannot be held liable or responsible for errors in advertising, or to the quality or accuracy of advertising claims.

When possible, advertisers requiring typesetting or composition by the Repeater Journal staff will receive a proof with time for telephone corrections. After deadline proof changes to an ad are not available due to staff and time limitations.

ADVERTISING DEADLINES

All advertising copy and insertion orders should be sent to the Repeater Journal Advertising Manager: **Sharon Ward, P.O. Box 215, Tobaccoville, N.C. 27050. (910) 983-0879**

Ad copy deadlines are the 1st of the month, prior to month of publication. New ad insertion order deadline is 10 days prior to copy deadline.

The Repeater Journal cannot guarantee publication of any advertising that arrives after deadline unless prior arrangements are made with the Repeater Jouurnal Editor or Sales Manager.

AD & COPY DEADLINE DATES

FEBRUARY ISSUE - January 1,
MAY ISSUE - April 1,
AUGUST ISSUE - July 1,
NOVEMBER ISSUE - October 1.

The Repeater Journal is published by and is the voice of SERA, INC.

SOUTH CAROLINA

"Low Country" News

- by Ed Frank, KC4OOZ

Area Emergency Communications

This has been a very busy time here in the Lowcountry. The clubs have been getting involved in the emergency Disaster communications, the CARS linked repeater system and the TARC club's repeater. There have been several meetings in the Lowcountry on the emergency plans for the use of our repeater systems. The meetings were held at the Red Cross Building in North Charleston. They were very well attended. Mary Favaro AE4BX the Lowcountry ARRL coordinator has been getting the local Red Cross and the Hospitals together and setting up frequencies that can be used in case of a wide spread emergency. The link into the area 442.300 is up and the codes are available to any linking repeater owner or club custodian. All that is required is an agreement of mutual understanding with the CARS club, and the equipment to link onto the system. For information, call Ed, KC4OOZ. (803) 871-4368.

Lowcountry Repeater update:

The 145.250 repeater at long last has a new house. The repeater shack that was shown in the last *Repeater Journal* is at the site and the old faithful 145.25 repeater with it's open phone patch and linking features, has been installed in the new shack and is operating fine. The CARS Club called a work party and it happened! They had about 15 hams show up and they worked all day. The Club bought "KFC" and cold drinks for the crowd. "Didn't want them to get away." A very good time was had by all even tho it rained a little just enough to cool it down a bit.

The link will probably be back up on the 147.18 repeater by the time you read this. A robber broke into the repeater shack in Summerville and stole the TW-4000A Kenwood that Ed had on it for the link. The serial #K3121387, and several other pieces of test equipment were stolen. If you see this rig, a 2-meter/440 transceiver, please contact Ed KC4OOZ at (803) 871-4368. Another rig has been donated by Glenn Little, WB4UIV and Ed to replace the other one.

The crystals have just arrived and they are in the process of tuning it up. The 145.25 machine will have its own link very soon also.

The 146.835 machine is going to be designated the Weather/Earthquake Emergency repeater, as it is not likely that both will happen at the same time. Frequencies are being set up for use throughout the Lowcountry for use by the County disaster Preparedness, hospitals and the American Red Cross. More on this later. Stay tuned.

CARS Report

The Charleston Amateur Radio Society has had its 25th election of officers. Bryce Myers, K4LXF, President; Glenn Little, WB4UTV, VP; Shiela Frank, KC4UDD, Secretary and Linda NeSmith, KE4MPY, Treasurer were elected to serve.

Bryce made the following comment:

"It is a very high honor to serve the Club for this year, not only to serve as the club president, but also to be able to help commerate the 25th year that CARS has been serving the Charleston Amateur community. The club has not always been called CARS. It started out in March or April 1971 and was designated the Holiday Inn VHF Society. The repeater at that time being located on top of that building. It was changed to CARS later when the call WA4USN was acquired and space was donated by the Yorktown for a club room and repeater site, which we enjoy the use of today. We are hoping to have some kind of special activity for the club to celebrate its longevity."

Bryce is also the Vice President of the area QCWA chapter and very active in the VE testing program.

Net Report: Ed

There are three nets that are scheduled in the Lowcountry. The ARES net on the linked repeater system at 8:00 PM every sunday evening, and the Newcomers net on Thursday at 8:00 PM. The other is on the Moncks Corner "Berkeley County 147.15" on Wednesday at 8:00 PM. If you are in the area please give us a shout. We operate the 'friendliest repeaters" in the South - open autopatches available too!

VE Report

The local VEs hold the test sessions at the Trident Tech Campus on Rivers Ave. in North Charleston at 9:00 AM on the 3rd Saturday of each month. They are walk-ins, no RSVP needed. We are very proud of our two teams of about 23 VEs that attend our sessions. They give their time and resources for free, to help promote our hobby. Not enough can be said about the fine people that attend these sessions so that someone else can enjoy our hobby.

Education report:

The CARS club is the sponsor for another class for the no-code Tech. Dick Jones KQ4TH is the instructor. CW class is supported by Linwood Sikes, K4LS with practice after the local Charleston nets for about 30 minutes every Thursday and Sunday on the linked repeater systems which include 146.79, 145.25, 147.18 and 146.835. Others will be added as developed.

Personal Observation - Ed KC4OOZ:

Being a team leader of the VE team in Charleston, I get to meet a lot of people from all types of occupations coming together to offer their hands and knowledge and not the least their time to help people join in this hobby. Some are doctors and lawyers, others are laborers. They are all equal at the VE testing sessions. They like to root for the candidate they happen to know personally, or know has been studying real hard for an upgrade. They also hurt for the ones who don't pass, and try to encourage them to try again.

Maybe I will sound a little sentimental but one of the first things I learned when I started to study was the reason for the Amateur Radio: To help promote good will and to be an ambassador of good will. Another was to promote the learning of the art of electronics and communications. Truly, to me, Amateur radio's highest calling is to be a "Volunteer Examiner."

I have, in my opinion, been blessed to be associated with some of the finest in the world here in South Carolina and I would like to thank them all personally for the privilege to work with them, and be a part of the VE program.

If you have the time and would like to help, call your local CVE or Team Leader. He will be glad to have your help. Until you try, you'll never know what fun you are missing.

COMMUNICATION HEADQUARTERS, INC.

3830 OLEANDER DRIVE, WILMINGTON, NC 28403

service & technical (910) 791-8885 fax orders (910) 452-3891

ORDER TOLL FREE 1-800-688-0073

FREE shipping on most orders over $250 - UPS ground in 48 States

VISA MASTERCARD DISCOVER AND CASH WELCOME

Hours 10:00AM - 5:30PM Mon-Fri & 10:00AM - 3:00PM Sat ET

CALL NOW FOR SALE PRICES

ICOM

IC-2GXAT 2 mtr 3 watts
IC-2GXATH 2 mtr 7 watts
IC-T21A 2 mtr w/440mhz Rx
IC-Z1A new 2 mtr/440mhz
remote head 104 memories

HIGH PERFORMANCE HANDHELDS

IC-2000H NEW 2 meter
IC-281H 2 mtr w/ 440 rx
IC-2340H 2mtr/440mhz dual
IC-2700H 2mtr/400mhz dual
2700 remotable with wireless mic
a complete line of accessories

NEW SINGLE & DUAL BAND MOBILES

IC-736 160-6 mtr w/ant tuner power supply 100w
IC-738 hf 100 watts
IC-775 NEW 200watt no DSP
IC-775DSP NEW 200 watts w/ DSP on Rx & TX DELUXE auto tuner & power supply

THE ALL NEW HF RADIOS

KENWOOD

TH-22AT 2 meter 3 watts
TH-79A-D 2 mtr/440mhz 3w
TH-79A-DH 2 mtr/440mhz 5w

COMPACT HANDHELDS

TM-241A 2 meter 50 watts
TM-251A 2 mtr w/ 440mhz Rx
TM-255A 2 mtr all mode
TM-733A 2 mtr/440mhz
TM-742A 2 mtr/440mhz
third band optional 10/6/1.25mtr

WIDE SELECTION OF MOBILES

TS-50S hf 100watts compact
TS-60S 6 mtr 90 watts all mode
TS-450S hf 100 watts
TS-690S hf 100watts/6 mtr 50w
TS-850S hf 100 watts
a complete line of accessories

HF COMPACT AND FULL FEATURED

YAESU

FT-11R 2 mtr 2 watts
FT-11RH 2 mtr 5 watts
FT-51R 2mtr/440mhz/ 2 watt
FT-51RH 2mtr/440mhz/ 5 watt
a complete line of accessories

HANDHELDS FOR EVERYONE

FT-2500M 2 meter 50 watts
FT-2200 2 meter 50 watts
FT-5100 2 mtr/440mhz
FT-8500 2 mtr/440mhz NEW
remotable with controls in mic.

MOBILES TO FIT ALL VEHICLES

FT-840 hf 100 watts
FT-900AT ht 100 watts remotable
FT-990 hf 100 watts
FT-1000 hf 200 watts deluxe with power supply and antenna tuner

HF TO KEEP THE BANDS WARM

authorized in-store sales and service for ICOM-KENWOOD-YAESU
THE CAROLINAS' LARGEST AMATEUR DEALER

FCC Sets Fees For Vanity Call Signs

-from ARRL Letter

The FCC has adopted a fee for amateur vanity call signs of $3.00 per year, to be collected for the entire 10-year term at the time of application of such a call sign.

The fees apply only to vanity call sign applications, and not to any other amateur license transaction.

The beginning date for these fees is Sept. 18, 1995. The fees are a result of a mandate from Congress that the FCC collect fees to recover some of its regulatory costs.

No start date for appli9cations for vanity call signs has yet been announced, and the necessary FCC Forms 610-V have not yet been released.

Bencher acquires Butternut

-from ARRL Letter

Bencher, Inc. announced in June that it has acquired the business assets of Butternut Electronics, Inc. of Olmito, TX. Bencher said it would continue to make Butternut products at the OLmito facility and would market them through the existing Bencher network of Amateur radio dealers.

There are Two Great Things in the SouthEast:

You're Reading One!

The Other is to be a Part Of SERA as an Associate Member

For over 23 Years SERA has played an important part in the coordination of our VHF/UHF Spectrum.

You're invited to join this Great Organization, and help support such a worthy cause.

You will find a SERA Associate Membership Application Form elsewhere in this issue.

Membership Questions?

If you are having any problems with your membership, either Full or Associate, contact David Ward, KA4LVO, P.O. Box 215, Tobaccoville, NC 27050. He will be glad to try to help you out.

If you would like to join SERA and get the Repeater Journal. Write David! Associate and Full Member applications are located in this issue of the Journal. Fill one out and send it in with your check!

August Journal Delayed To Allow Updated Info

This issue of the Repeater Journal was purposely delayed to allow updated changes to the coordination policy be made. We had planned to publish the policy this issue, then with the late in the month Board meeting, it was felt the only alternative to get the information accurately updated and ready for printing was to delay the Journal. The November issue will be back on schedule.

9TH ANNUAL

SUMTER HAMFEST

SC STATE ARRL CONV AND COMPUTER FAIR

SATURDAY OCTOBER 21
8:00 AM TO 4 PM

Sumter county exhibition Center
700 W. Liberty St. - Sumter, SC

20,000 Square Feet of Indoor Space

Food Concession on site - Door Prizes
VE Exams - Forums

On Site Camping Available - Call for Information

Sponsored by the

Sumter Amateur Radio Assoc., Inc.
P.O. Box 193, Sumter, SC 29151

FOR ADDITIONAL INFORMATION CONTACT

Tommy DuBose, KB4CIH - (803) 469-5093 - Dealer Pkg.
Mike Dunlap, KC4HUT - (803) 481-4611 - Flea Market

CALL IN 147.015 + (PL 156.7 AS NEEDED)

No SARA Member or their immediate family eligible to win any prizes.

He was the father of East Tennessee's repeaters

A Tribute to George Shaver, K4HXD

-by Tim Berry, WB4GBI

Wednesday Evening, May 31, my friend and mentor, George Shaver, K4HXD became a silent key after suffering a massive heart attack. He was 52 years old. George is survived by his wife, Kathy, and two sons, George III and Mike.

Many newer hams cannot understand George"s impact on our hobby without a little history lesson.

In 1969, George placed the first 2-meter repeater on the air in East Tennessee on 34-94. At that time, there were no synthesized solid-state radios, and no "ready-out-of-the-box" repeaters. George shared his mastery of commercial two-way radio and pioneered the way for the very small number of hams at that time to enjoy a new reliable, and high-quality means of local and regional communication from the dynamoter-driven, tube-type radios in their vehicles . . . or even a more novel idea -- from their hand carried units! These "portables" resembled more of a suitcase than a version of today's cigarette pack sized radios and had large batteries to power the tubes.

In the early '70s, George also led the way with the first 440 repeater in East Tennessee, and the first six meter repeater on the air.

In addition, George placed on the air the 147.675-147.075 repeater, which today remains as Knoxville's only privately-owned open autopatch repeater.

In recent years, George served as the "Shaver Store" for those of us who needed parts, advice, or just a place to go spend some time to watch someone who was a master of the radio art. From 160 meters to Amateur Television, George mastered it all. Packet, computers, low band DXing, video . . . all of these were subject to George's mastery . . . and innovation. There was no piece of radio equipment which George could not improve. His well-stocked basement was the standard of reference for many who came to drool, and to learn.

K4HXDs DX accomplishments were honored by the ARRL with three active awards: 10 meters (114 countries), and Phone and Mixed (284 countries)

From that handful of hams that George served in the early seventies to the hundreds of hams who are on the air in the area today, one thing remains constant: if you use two meters, or 440 in East Tennessee today, you owe a small "thank you" to K4HXD. He is the one who started it all, and he helped several others get their repeaters started, as well.

One of these included a fifteen year-old new ham who wanted to see what a repeater was all about. Later that same new ham would take George's guidance, encouragement, correction, and criticism to form his own career.

A single repeater that George helped this one ham build in 1981 would grow into five repeaters on two meters and one on 440 in 1995. However, none of these repeaters were complete until they had the "Shaver Touch."

In 1973, That new ham was WB4GBI. Today, K4HXDs original repeaters live on as a testament to his knowledge and service, and we all operate and use them in his memory.

In Heaven, any radio equipment that the Lord needs tuned up will now benefit from George Shaver's arrival.

73, George! Thank You. We shall all miss you.

ARRL Offers New Edition Of Operating Manual

The American Radio Relay League announces the new 5th edition of the **ARRL Operating Manual**. This newly revised publication has many changes that have taken place in Amateur Radio during the last five years.

As the Amateur population has increased, the needs and interests of average hams have shifted. For example, VHF and UHF operating are in the limelight, as are Amateur satellites and new HF digital communications modes.

The book also has timely information on autopatch use and many other handy operating needs especially for the new Amateur operator.

The ARRL said the new 5th edition **Operating Manual** is more than just a new cover, many new chapters, and all others rewritten full of information.

For information on this book or many other publications on ham radio contact ARRL at (203) 666-1541.

WIN PRIZES! SEE PAGE 20!

The RF Connection
213 North Frederick Ave.
Suite 11RJ
Gaithersburg, MD USA
20877

Complete Selection of MIL-Spec Coax, RF Connectors and Relays

UG-21B/U N Male for RG-213/214 ..... $5.00
UG-21D/U N Male for RG-213/214 ..... $3.25

N Connectors for 9913/Flexi4XL/9096

UG-21B/9913 .....$5.75 **Pins Only**.....$1.50
UG-21D/9913 .....$4.00 **Extra Gasket**..... .50

Amphenol 83-1SP-1050 PL-259 ..... $0.90
UG-176/U Reducer RG-59/8X.... .25 or 5/$1.00
UG-175/U Reducer RG-58/58A.. .25 or 5/$1.00
J&I Silver Teflon PL-259 MIL-Spec .....
..... $1.25 or 10/$10.00

MIL-Spec Coax Available (Teflon, PVC 11A) Certified CQ Flexi 4XL811A (Flexible 9913)

New Product: International's 9096-2A Low Loss RG-8 Size, Stranded Center Conductor Same Specs As 9913..... .70/ft or $59.00/100ft

Also New: RG-8X Clear w/UV Jacket 98% Cu **Intro Price** $14.00/100ft

Call for Specials of the Month

Full Line of Audio Connectors for Icom, Kenwood, and Yaesu

8 Pin Mike Female..... $2.00
8 Pin Mike Male Panel $2.50
13 Pin DIN for Kenwood..... $2.75
8 Pin DIN for Icom..... $1.00
8 Pin DIN for Kenwood $1.50

Prices Do Not Include Shipping

Orders **800/783-2666**
Info **301/840-5477**
FAX **301/869-3680**

Let us be your connection to the latest technology in print. . . and join our growing number of satisfied book customers!

Rosewood

Call 1-800-875-7762
and find out why so many people are calling us!

WEST ANTENNA CORP. - YOUR SOURCE FOR ROHN TOWERS AND ACCESSORIES

Rohn 25G Straight Sections

In addition to a large stock of straight tower sections, we also have flat and sleeved top sections, thrust bearings, house brackets, short base sections, rotor plates, guy assemblies, guy wire, cable clamps, turnbuckles - you will need for a complete tower installation. Call us for more information!

Scotchkote Electrical Coating

Scotchkote Electrical Coating made by 3-M Co. can be used for underwater connections also. A 15-oz. can will do 50 to 100 connections.

15-Oz Can $12.00

ROPE

West Antenna has a huge inventory of all types of synthetic rope in all sizes to fit your every need. Large or small, your rope requirements can be met by us.

CHECK THESE ROPE SPECIALS:

Black Twisted Polyprophelene

Good for dipoles or overhead supports on beams at a very low cost. Lasts two or three times longer in the sun than regular poly rope.

1/4-inch ..... 4 cents/foot
600 foot spool $20.00
3/8-inch ..... 8 cents/foot
600 foot spool $42.00

Solid Fiberglass Masts

West Antenna Corp. is pleased to now have in stock new nonconductive solid Fiberglass masts in 1-1/4, 1-1/2 and 2-inch diameters. Lengths up to 15-feet are available. **Call!!**

Miscellaneous

PL-259 Connectors (U.S. Made)
Each 0.65
10 or more 0.60
UG-175 or 176 Adapters 0.30
10 or more 0.25

Hard Line and Connectors

West Antenna can supply 1/2, 7/8, 1-1/4, and 1-5/8 - inch Hard Line in corrugated copper, also available is 1/4-inch corrugated copper superflex. We also have a limited stock of Hard Line connectors. If we do not have specific connectors you need in stock, they can be supplied within approximately 10 days.

CADWELD

The fastest and most reliable connections for buried or above ground rods. This system provides a molecular bond that can't loosen, can't corrode, isn't subject to galvanic corrosion, and is capable of carrying more current than the grounding conductor itself. West Antenna Corp. can also supply and install ground systems for commercial tower sites.

Polyphaser Lightning Suppressors

High quality commercial units. Low loss, low noise. Frequency range through 2 GHz. Bulkhead and inline types are available, including rotor cable and D.C. control lines. **Call for prices and more information.**

2-Way shops are urged to check with us for special Dealer Pricing.

Other Tower Accessories

Aluminum Mast Pipes, feature 2-inch OD, 6061 tubing - 1/4-inch wall.
12-foot lengths, 19 lbs - In Stock
24-foot lengths, 38 lbs. - In Stock

Cold Galvanizing - excellent for touching up rust spots on your tower and antenna bolts.

Large Spray Can $6.50

Guy Wire Insulators - Compression type, porcelain. Approx. 1-1/2 x 2-1/2 inches with 3/8-inch hole.

Insulators $2.50
10 or more $2.20

Stainless Steel Strapping Kits

Stainless steel strapping kits, for strapping hardline or multiple runs of Coax. Kits come with 25, 50, or 100 feet of stainless steel strapping and buckles.. **Call!**

For The Ultimate Mobile Installation

We have what you need - wire, fuse blocks, fuses, connectors, relays & breakers! You want your mobile Low Band or Amplifier installation to work efficiently. We have the proper wire, fusing and parts needed for a perfect installation.

WIRE - Single Cond. - Stranded
Red or Black vinyl insulation
#10 wire ..... 0.30 per ft.
#14 wire ..... 0.14 per ft.

FUSE BLOCKS - Our fuse blocks are rugged, holding fuses much larger than the little 3AG glass type. This prevents overheating and voltage loss with high currents. Set screws in end of fuse blocks will accept wire up to #6.

30 AMP Fuse Block $4.95
60 AMP Fuse Block $7.50

FUSES - Many Sizes available!
5,6,7,8,10,20,30 Amp ..... 0.80 ea
35,40,45,50,60 Amp Also available upon request. Give us a Call!

NOW AVAILABLE! **DC Breakers** for Mobile Installation. Call For Details!

RELAYS - These Motorola Type A style relays can be installed near the fuse block in the fenderwell and remotely switched under the dash with a small toggle switch. Excellent for switching high current lines. Relays are a closed type with screw terminals for mounting.

Type A - Special! $21.00
40-Amp Continuous - Duty
Solonoid Type 12V $42.00
(Commercial Dealers call for special Dealer Prices!)

WEST ANTENNA CORP.

4110 BURLINGTON RD. GREENSBORO, NC 27405
ORDERS (800) 632-0389 FAX: (910) 375-0235
LOCAL (910) 621-2473 - Harwood West, WB4RLO

Repeater Nets in SERA Districts

Georgia Nets

Atlanta/Bell
W4PME 145.410 ——W—— 20:00 QCWA Net
W4PME 145.410 -M——— 20:30 MATPARC Net

Atlanta/Marietta
N4NEQ 147.345 ——W—— 21:00 ATN Net (ATV oriented)

Baldwin
WD4NHW 147.180 SMTuWThFS 21:00

Carrollton
W4FWD 146.640 -M——— 20:00 West Georgia Two Meter Net
W4FWD 146.640 ——Th— 20:00 Carroll County ARES Net

Cordele
KA4WUJ 145.490 ——Th— 21:00 Flint ARC Net

Dallas
WD4LUQ 146.895 ——W—— 20:00 Southeastern Linked Rpt Net
WD4LUQ 444.700 ——W—— 20:00 Southeastern Linked Rpt Net

Dalton
N4BZJ 147.135 ——W—— 21:00 North GA Linked Repeater Net
N4KVC 224.740 ——W—— 21:00 NGA Link Repeater Net

Douglas
K4SES 147.045 -M——— 20:30 Net

Douglasville
N4ZCV 145.110 ——W—— 20:00 SCARS Emergency Practice Net
N4ZCV 145.110 S——— 20:00 KB4BAW Trivia Net

Ellijay
KC4ZGN 442.700 -M——— 20:00 Local Net

Jonesboro
WA4DIW 145.170 -M——— 20:00 C.A.R.E.S. Net

Lawrenceville
WD4JXR 147.075 —Tu—— 20:00 GARS Info Net (Want/Sell/Swap)
WD4JXR 147.075 ——W—— 20:00 ARES Net (1st & 3rd of month)

Macon
KC4ZGR 146.805 ——Th— 21:00 ARES Net (2nd & 4th Thursday)
K4VTT 442.275 ——Th— 21:00 ARES Net (2nd & 4th Thursday)

Milledgeville
K4FRM 147.135 S——— 21:00 Old Capital Net

Newnan
K4SEX 145.130 S——— 21:00 ARES Net

Savannah
KK4TO 146.700 S——— 21:00 CARS Net (alternate 147.21)
W4HBB 146.970 ——Th— 21:00 ARC of Savannah 2-Meter Net

Yorkville
WD4LUQ 224.880 ——W—— 20:00 Southeastern Linked Rpt Net

Kentucky Nets

Ashland
KA4OIL 146.940 SMTuWThFS 19:30 Tri-State Two Meter Net

Bardstown,Nelson
WB4GGH 145.470 S——— 21:00 KARS 2meter Net

Brooks
W4BDC 146.700 S——— 21:00 Powerhour Net
W4BDC 146.700 -M——— 19:30 ARES Net
W4BDC 146.700 ——Th— 19:00 KY School for the Blind Net

Crestwood
WD8ACR 147.390 —Tu—— 20:00 RACES Net (Members only)
WD8ACR 147.390 ———S 10:00 RACES Net (Members only)
WD8ACR 147.390 -M——— 20:00 OCARC Net

Glasgow
W4WZH 146.940 SMTuWThFS 20:00 Cave Area Repeater Net

Halls Gap
WD8PRH 145.170 —Tu—— 21:00 YL Net
WD8PRH 145.170 -M——— 21:00 Traders Net

Hazard
WD8PRH 146.805 -M——— 21:00 Traders Net
WD8PRH 146.805 —Tu—— 21:00 YL Net

Irvine
WB4AIA 146.820 —Tu—— 20:30 Newcomers/Traders Net
WB4AIA 146.820 ——W—— 20:00 Southern Repeater Net
AD4RU 147.015 ———F- 19:00 ARES Net

Lexington/Grgtwn
WD8PRH 145.210 -M——— 21:00 Trader's Net
WD8PRH 145.210 —Tu—— 21:00 YL Net

Louisville
WD8PRH 145.230 —Tu—— 21:00 YL Net
WD8PRH 145.230 -M——— 21:00 Trader's Net
W4PJZ 147.030 ———S 13:00 RACES Net
W4PJZ 147.030 —Tu—— 23:00 RACES Net

Murray
WB4NTB 146.940 -M——— 21:00 Murray Area Net

Pineville
WA4YZY 146.640 -M——— 20:00 MARC Linked Repeater Net

Salvisa
KC4ZOX 146.835 ——W—— 21:00 Mercer Anderson RC ARES Net

Shelbyville
KE4LR 147.000 ——W—— 21:00 ARES Net

Mississippi Nets

Amory
KB5DWX 146.940 -M——— 20:30 Welcome Net

Biloxi
KC5IF 146.730 ——W—— 20:00 CARES Net

Bude
K5JMD 146.850 ——Th— 19:00 SW MS Amateur Radio Net
Each Thursday except 2nd Thursday

Ellisville
N5DWU 146.865 SMTuWThFS 20:00 PBRA Net (Linked with other MS repeaters)

Gulfport
KA5VFU 147.375 —Tu—— 20:00 Magnolia DX Net

Laurel
KB5RQL 146.610 —Tu—— 19:30 Net
AJ0X 443.500 SMTuWThFS 20:00 Pine Belt Rpt Assoc

Louisville
KB5PKU 147.360 ———F- 21:00 2-mtr Emergency Net
Used to check/test radio equipment & during severe weather

Meridian
W5DEJ 146.700 —Tu—— 19:00 Meridian ARC 2-meter Net

North Carolina Nets

Albemarle
K4OGB 146.985 ——W—— 21:00 Stanley Co. ARC Net

Andrews/Robbinsville
K4AIH 147.045 —Tu—— 20:00 Smoky Mts Amtr Radio Team Net
K4AIH 147.045 -M——— 21:00 Magnolia Net (YL & XYL Net)
K4AIH 147.045 ——W—— 21:30 Triode ARC Net

Anderson Mt/Denver
KD4MMB 145.170 ——Th— 20:00 Centralina ARC Net

Asheville
WB4PLA 146.835 ———F- 21:00 Smokey Mtn Rpt Assoc Net

Ashville/Mt Pisgah
WA4BVW 146.760 ——Th— 20:30 RACES Net
WA4BVW 146.760 -M—W—F- 09:00 Good Morning Net
WA4BVW 224.260 S——— 21:00 Net

Boone/Rich Mtn
WA4KDB 147.360 ——Th— 20:00 Watauga ARC Net

Brevard
K4GBH 147.135 ——Th— 20:00 Transylvania Co ARC Net
(Except 2nd Thursday of the month)

Clayton
WB4IUY 147.390 —Tu—— 20:30 TEARA Net

Clinton
K4OAR 146.790 SMTuWThFS 20:00 SCARS Net

Columbia
KB4TOH 145.110 ——W—— 21:00 Albemarle Emergency Net

Eden
WA4WGY 224.780 -M——— 21:00 Rockingham Co. ARES Net

Fayetteville/CFARS
WB4YZF 146.910 SMTuWThFS 05:30 Possum Trot Early Net
WB4YZF 146.910 SMTuWThFS 19:00 CFARS Evening Net

Franklin
W4GHZ 147.240 SMTuWThFS 21:00 Franklin 84/24 Net

Goldsboro
K4CYP 146.850 —Tu—— 19:30 Local Net

Greensboro
W4GG 147.030 ——W—— 21:00 G.A.S. Net
AD4BX 224.820 -M——— 20:00 Piedmont Amateur Swap Shop Net
N4GGD 146.760 S——— 21:00 76 News & Info Net

Grifton
W4NBR 146.685 ——Th— 21:00 ENC Emergency Net
W4NBR 146.685 SMTuWThFS 20:30 ENC Traffic Net

Jacksonville
KA4SQN 145.190 ——W—— 21:00 Onslow County RACES/ARES
Onslow County Emergency Communications Training Net
WD4FVO 147.000 ——Th— 20:00 Onslow ARC Rag Chew Net

Kinston
W4OIX 145.470 -M——— 20:00 KARS Net 1st, 3rd, & 4th Tuesday

Lenoir
N4NIN 147.195 S——— 21:00 Lenoir ARC Net

Lexington
K4IZM 146.910 —Tu—— 21:00 Davidson Co. ARES Net

Morganton
K4VLY 147.150 ——W—— 21:00 Western Piedmont VHF Net

Mount Airy
KD4FWS 53.070 ——W—— 20:00 Traders and Tech Net
N4XRY 146.970 ——Th— 20:00 Bear Creek ARC Net

Mt Mitchell
WA4BVW 145.190 ———S 21:00 6600 Net

More Repeater Nets . . .

WA4BVW	145.190	S————	21:00	Shriner's Net
WA4BVW	224.540	-M————	21:00	Net
Newton				
AG4L	147.075	—Tu——	19:30	Catawba County RACES Net
Raleigh				
W4DW	146.640	-MTuWThF-	20:00	RARS 2Meter Net
W4DW	146.640	———Th—	21:00	Trader's Net
W4DW	146.640	-M————	21:30	Scanner SWL Net
Raleigh/Benson				
AK4H	147.270	SMTuWThFS	20:30	Jars Net
AK4H	147.270	——W——	21:00	JARS Trader's Net
Red Springs				
W4MZP	147.300	——W——	21:00	RAGchew Net
Rockingham				
WD4AVP	146.955	—Tu——	19:30	RCARC ARES Net
Roseboro				
KM4OX	145.390	—Tu——	20:30	BCARS Net
Sauratown Mtn				
K4JYH	147.315	-MTuWThF-	14:00	Vagabond Net
K4JYH	147.315	-M————	20:00	Traders Net
Trenton				
WB4TQD	145.210	—Tu——	21:00	Skywarn Net
Wendell				
WB4IUY	29.620	—Tu——	20:30	TEARA Net
Wilmington				
AD4DN	146.670	——W——	19:00	New Hanover County ARES Net
Wilson				
WA4UQC	147.300	—Tu——	20:30	TEARA Net
Youngsville				
KD4MYE	53.370	————S	21:00	Franklin County 6m FM Net
KD4MYE	145.110	————S	21:00	Franklin County 6m FM Net
KD4BFI	444.250	————S	21:00	Franklin County 6m FM Net

South Carolina Nets

Anderson/Sas Mtn				
W4FVV	146.790	SMTuWThFS	20:30	Anderson Radio Club 2mtr Net
Columbia				
KC4GYM	146.775	S————	20:30	CARC Sunday Night Net
Gilbert				
KC4GYM	145.430	S————	20:30	CARC Sunday Night Net
Myrtle Beach				
WD4JMT	147.120	———Th—	20:00	GSARC 2Meter Net
Sumter				
KQ7E	147.015	S————	20:30	SARA Weekly Information Net
Union				
	KD4YFB	145.250	——W——	21:00 Net
West Columbia				
KC4GYM	145.270	S————	20:30	CARC Sunday Night Net
KC4GYM	444.200	S————	20:30	CARC Sunday Night Net

Tennessee Nets

Bristol				
WB4DKI	146.670	—Tu——	21:00	Bristol Two Meter Net
Bristol/Holston Mtn				
K4LSP	444.500	—Tu——	20:00	Holston Valley Traffic Net
K4LSP	444.500	———Th—	21:00	Trader's Net
K4LSP	444.500	S————	19:30	NOAA Weather Net
K4LSP	146.760	—Tu——	20:00	Holston Valley Traffic Net
K4LSP	146.760	S————	19:30	NOAA Weather Net
K4LSP	146.760	———Th—	21:00	Trader's Net
Chattanooga				
WJ9J	442.150	——W——	20:00	Wide Area Southeastern Linked Rpt Net
Collegedale				
KE4QS	147.000	———Th—	19:00	147 Repeater Net
Columbia				
WA4ZYX	147.120	-MTuWThF-	20:30	MARC Traffic Net
Cookeville				
N4WS	147.210	-M————	20:00	Roane County Net
N4WS	147.210	—Tu——	20:30	Cookeville Rpt Assoc Net
N4WS	147.210	—Tu——	19:30	Tri-County Net White, VanBuron, DeKalb counties
Crossville				
AC4AA	146.865	S————	20:00	Local ARES Net
Gallatin				
WD4BKY	147.240	-M————	19:00	Sumner Co. Preparness Net
Kingsport/Bays Mt				
W4TRC	146.970	S————	20:00	Kingsport 2-Meter Net
Knoxville				
WA4TEM	145.330	-MTuWThF-	07:30	Brake Light Net
W4BBB	147.300	—Tu——	20:00	Knox Co. ARES/RACES Net
W4BBB	147.300	-M————	21:00	R.A.C.K. Tech Net/Swap Shop
W4BBB	147.300	—Tu——	21:00	Middle East TN Emergency Net
W4BBB	147.300	——W——	21:00	R.A.C.K. Morse Code Practice Net
W4BBB	224.500	—Tu——	21:00	Middle East TN Emergency Net
W4BBB	224.500	—Tu——	20:00	Knox Co. ARES/RACES Net
W4BBB	224.500	-M————	21:00	R.A.C.K. Tech Net/Swap Shop
Manchester				
W4UOT	146.700	———Th—	19:00	Net (except 2nd Thursday)
Petros/Frz Hd Mt				
KJ4SI	147.255	——W——	20:00	Southeastern Repeater Link Net
Shelbyville				
N4VFB	147.060	-M————	19:00	ARCS Two Meter Net
Soddy Daisy				
WJ9J	444.450	——W——	20:00	Wide Area Southeast Linked Rpt Net

Virginia Nets

Abingdon/Brmly Mt				
K4LSP	146.610	————F-	20:00	YL Net
Accomac				
WA4TVS	147.255	-M————	20:30	ESHARES Net
Blacksburg				
AB9I	146.715	—Tu——	21:00	VTARA Net
Chesterfield				
KA4CBB	147.360	S————	21:00	Chesterfield Co ARES Net, 2nd Sunday night of each month
KA4CBB	147.360	—Tu——	21:00	Chesterfield Co High Speed CW Net
KA4CBB	147.360	—Tu——	20:00	Chesterfield Co CW Net
Covington				
WA4HTI	146.805	———Th—	19:30	Mountaineer ARES Net
WA4HTI	146.805	SMTuWThFS	20:00	Alleghany Regional Emergency Service Net
Dublin				
K4HZS	146.670	-M————	20:00	Black Hollow ARA Net
Fancy Gap				
N4XRY	444.900	-M————	20:00	Piedmont Amateur Swap Shop Net
Gloucester				
KC4TOG	145.370	———Th—	20:00	Gloucester ARES Net
Grundy/Big A Mt				
KK4EH	146.835	-M————	21:30	Clinch Valley Emergency Net
Hampton				
K4DHO	146.730	——W——	20:00	SPARK Net
Lexington/Rock Mt.				
KI4ZR	53.010	————S	21:00	Net
KI4ZR	147.330	—Tu——	21:00	Net
Norfolk				
AD4ZK	147.075	————	19:30	Norfolk ARES Net Meets 1st & 4th Tuesday of each month
Pearisburg				
N4AZJ	147.135	SMTuWThFS	20:30	Friendship Traffic & Info Net of the Virginias
Pks Kb/Pulaski				
WB3S	147.180	S————	20:45	NRVARC Net
WB3S	147.180	———Th—	19:30	Pulaski Co ARES Net
Portsmouth				
W4POX	146.850	—Tu——	20:00	PARC Club Net
Richmond				
K4YPE	145.110	-M————	21:00	News & Info. Net
WA4ZBE	146.880	-M————	20:40	Newsline
WA4ZBE	146.880	S————	21:00	Chesterfield ARES
WA4ZBE	146.880	———Th—	19:30	Trader's Net
Roanoke/Poor Mt				
W4CA	146.985	——W——	20:00	Roanoke Valley ARC Net
Virginia Beach				
WA4KXV	146.970	SMTuWThFS	21:00	South Tidewater ARES Net
Walkerton				
KA4DZU	146.715	—Tu——	19:30	New Kent ARES Net
Winchester				
W4RKC	146.820	SMTuWThFS	19:15	SVEN Shenandoah Valley Emergency Net (NTS Net)

West Virginia Nets

Beckley/EOC				
N8TNB	145.370	SMTuWThFS	21:00	Black Diamond Traffic Net
Charleston				
W8GK	145.350	S————	20:30	Kanawha ARC Two Meter Net
Clarksburg				
N8FMD	146.685	———Th—	20:00	ARES Net
N8FMD	147.210	—Tu——	20:00	STARA Club Net
Craigsville				
N8FMD	145.270	———Th—	20:00	ARES Net
Davis				
KE8MR	147.135	———Th—	20:00	ARES Net
Fenwick				
KD8AB	146.940	—Tu——	19:00	Nicholas County Club Net
Liberty				
W8HYX	145.410	S————	21:30	ARES/Info Net
W8HYX	145.410	S————	21:00	Code Practice Net
W8HYX	145.410	——W——	20:30	Swap Shop Net
Terra Alta				
KD8ZR	147.000	S————	21:00	Net
Wheeling				
W8ZQ	146.760	S————	20:00	Ohio County ARES/RACES Net

This listing of repeater nets in the area served by SERA is compiled from information reported to us by repeater owners, trustees, and club officials. Changes to this list should be sent to SERA, PO Box 215, Tobaccoville, NC 27050.

Last updated July 30, 1995

100s

of CD ROM and Shareware Titles

All at Hamfest Prices!

Write for our FREE Flyer and Shareware Catalog

We also stock

CD ROM Drives

MEDIAPRO

1438 FRANK DRIVE
WOOSTER, OH 44691
(216) 263-7726

See us at most Southeastern Hamfests!

Charter Member of SEDAR (Southeastern Dealers of Amateur Radio)

The SERA *Repeater Journal*

VE/VEC EXAMINATION SCHEDULE

This schedule is published free as a public service of SERA. Schedules are supplied by the individual VEC/VE teams on a quarterly basis. Examinees are urged to call numbers listed to verify schedules before planning to attend an examination. Changes to the lists may be made to the *Repeater Journal* editor. The *Repeater Journal* assumes no responsibility for erronious or outdated listings. - Last corrected 7-25-95

ALABAMA

Gadsden (WCARS-VEC)
Walk-in exams on 2nd Saturday of each calendar quarter at 9:00 AM - Elliot Comm. Center. Oct. 14. Contact Gene McGlaughn KC4TFF (205) 492-8194 or Alternate, Lloyd Heald, Sr. AD4VB (205) 547-0357. Talk-in on 145.49.

ARKANSAS

Trumann (WCARS-VEC)
Exams 1st Tues. eve 7:00 PM of each quarter at Cedar Park elem. School. Oct. 3. Contact Al Fisher, NI5A (501) 483-6530.

West Memphis (WCARS-VEC)
Walk-ins 2nd Sat. each month at 9:00 AM at the Rosewood United Meth. Ch. Call: Rev. Richard Gregory, AB4CH (501) 735-4060 or Steven Gatten, KJ5DA, (501) 739-4767.

GEORGIA

Atlanta (North) (ARRL-VEC)
Walk-ins 4th Sunday monthly 2:30 PM at Church of the Atonement, Highpoint Rd. Call Neil Foster, KC4MJ 449-3340

Augusta (ARRL-VEC)
Walk-in exams 2nd Saturday, odd months at Hillcrest Bap. Ch. (Hwy US-1 S) at 9:00 AM. Contact Ace Norton, NA4I (706) 798-5060. Talkin 146.985.

Augusta (WCARS-VEC
Walk-in exams on 2nd Saturday off months at Daniel Fields Airport Gen. Aviation Office. Code at 10:00 AM. Written 11:00 AM. Sked: Sep. 9 and Nov. 11. Contact: Ed Butorajac (706) 798-1918.

Dalton (WCARS-VEC)
Pre-Reg exams last Saturday of even months at Unity Baptist Ch. at 3:00 PM. Sked: Aug. 26, Oct. 28 and Dec 25. Contact Bert. L. Coker, N4BZJ (706) 259-5625 or Harold W. Jones, N4OTC, (706) 673-2291.

DeKalb County (CA-VEC)
Walk-ins 4th Thurs. at 7:00 PM at DeKalb Co. Police, East Precinct, Lithonia. Call Harvey Pearson, WB4PHF 972-5061.

Douglasville (QRV-VE)
Walk-in exams 4th Tuesday of each month at the United Way Service Center on Fairburn Rd. at 7:30 PM. For info contact Team Liaison, Shirley Durham, KR4KO at (404) 949-9025. Doors open at 7:00 PM.

Lawrenceville (W5YI-VEC
Walk-in exams 1st Sunday, monthly at 2:00 PM at Jackson EMC, 461 Swanson Rd., Lawrenceville. Contact Duane Reynolds, WB2YAD, 962-9582.

Lilburn (W5YI-VEC)
Walk-in exams sponsored by the Gwinnett ARS are held on 4th Friday, monthly at 7:00 PM at St. John Neumann Church, 801 Tom Smith Rd. Contact Howie Gould, W4NVF, 921-8362. Headphones!

Marietta (CA-VEC)
Walk-ins each 3rd Saturday of the month at 9:00 AM at the Marietta 1st United Methodist Church, 56 Whitlock Ave., RM 319. Contact Larry Huff, WA4CQZ - 955-3171.

Peachtree City (CA-VEC)
Walk-in exams 1st Saturdays at 9:00 AM at Peachtree City - City Hall. Take exit 12 off I-85. Contact Mike Murphy, KB4KZY, 487-7494.

Roswell (ARRL-VEC)
Exams 1st Monday of each month at 7:15 PM at the St. Ann Catholic Church, 4905 Roswell Rd., Marietta. For info, contact: Delaine McCarthy, KM4FV 993-9758.

Stone Mountain (CA-VEC)
Walk-ins 2nd Saturday of each month, at 8:30 AM at Stone Mt. Methodist church. Contact Hal Martin, KI4RD, 469-6430.

INDIANA

New Albany (WCARS-VEC)
Walk-ins 3rd Saturday of even months, 10:00 AM to 2:00 PM at Indiana Univ. South. Aug. 19, Oct. 21, Dec. 16. Call Dick Truax, K8GRU, (812) 246-6377 or "Mac" McCrory, NM9A, (812) 944-6661.

KENTUCKY

Irvine (WCARS-VEC)
Generally monthly sessions at Estill Cty. H.S.. Walk-ins normally accepted. Sked: Call Dwaine Riddell, WB4AIA (606) 723-4500 or Ernest L. Farmer, AD4RU (606) 723-7369.

Lexington (WCARS-VEC)
One Sunday session in first month of quarter, at Lexington Public Library, Russell Cave Rd., Sked: Oct. 15, at 12:30 PM. Call Joe Esposito, K2YJL (606) 225-7166.

Middlesboro (WCARS-VEC)
Walk-ins 2nd Saturdays odd months at Middlesboro Library. Call Andrew A. Pitt, WB8WEZ (606) 248-0046 or James Dyke, KZ8A (615) 869-4453.

MISSISSIPPI

Gulfport (ARRL-VEC)
Exams held at Harrison Cty. Courthouse in CD conference room at 9:00 AM on 1st Saturday of each month. Call: Tommy Jackson, KB5OGM - 868-3450 or Donna Alexander, KA5OER - 896-4984.

Ocean Springs (ARRL-W5YI VEC)
Exams at 7:00 PM at Ocean Springs Library in meeting room. Pre-registration, limited walk-ins accepted. Contact Stan Hecker, AA4SP (601) 875-9341 (d) or (601) 875-0222 (n).

NORTH CAROLINA

Asheboro VE Team
Exams quarterly at Belfour Baptist Church, 1642 N. Fayetteville St. and at other times warranting an exam session. Contact: Dwight Ayers, N4ZRT, P.O. Box 246, Cedar Falls, NC 27230, (910) 629-5516.

Asheville (WCARS-VEC) (2 Diff Sessions)
Walk-in exams at 9:00 AM Saturdays at AB Tech, Elm Bldg. Rm. 134. Sked: Oct. 21. Also Sunday sessions at (9:00 AM 3rd Sunday 2nd Month of quarter. May 21, Aug. 20 and Nov. 19. Contact Richard A. Critchell (704) 684-3424 or Steve Lakford, KC4ZYN (704) 645-3511.

Brevard (WCARS-VEC)
Exams are scheduled to be given soon in Brevard. Contact Fred Hatfield, W9MMZ (704) 884-6615.

Burnsville (WCARS-VEC)
Walk-in exams given at the Yancey Cty. Public Library . Sked: Aug. 12, Nov. 18. Call David McCarty, KK4PW (704) 675-9044 or David L. Gillespie, WA4LLR (704) 675-9942.

Charlotte (ARRL-VEC)
Exams quarterly in Feb,, May., August, and Nov. Call: Bob Rochelle, WA4DAZ - 845-3099 or Mary Hunt, KA4EXP - 845-9429.

Durham (VE TEAM)
Walk-in exams 2nd Saturday of odd months. For additional info: SASE to AB4VJ, P.O. Box 61971, Durham, NC 27705.

Fayetteville CFARS (ARRL-VEC)
Walk-in exams 2nd Saturday of odd months at Methodist College in Science bldg. Regis. 9:00 AM.testing 9:30. Contact CVE Fred New KN4SS at (919) 497-6589.

VE Exam Schedule Continues on Next Page

Western Carolina Amateur Radio Society/VEC, Inc.

An Amateur Radio Volunteer Examiner Coordinator

WCARS/VEC WILL CORRECT T to P
if there is an error in FCC database

The Technician Plus (P) is now formally recognized as a separate class of license,and the VEC-maintained Tech-Plus database has been merged into the official FCC database of amateur licenses outstanding.

The FCC database was adjusted without issuing corrected licenses reflecting the Technician Plus class to those who in fact hold that class of license. DO NOT make the determination that the database is incorrect from the actual license you physically hold in your hand.

If you are now shown IN THE FCC DATABASE as a Technician and you can DOCUMENT that you should be Technician Plus, WCARS/VEC will correct the error for you. Send a completed and signed FCC form 610 (November 1993 ONLY) and marked for purpose 4B together with a copy of your present license and the original of the documentation (CSCE or written confirmation from the VEC that coordinated the session) to either of our coordinators listed below and we will be happy to also include it in the next electronic file we transmit. If you wish the original of the documentation returned, also include a copy of it for us to keep and an SASE for return of the original. We MUST see the original of the documentation. There is no charge for this service.

Win Guin, W2GLJ
2138 Sonning Drive
Germantown, TN 38138
901 754-4552
MCI 588-1543

Norman Harrill N4NH
7 Skylyn Court
Asheville, NC 28806
704 253-1192
MCI 686-1137

Ray Adams, N4BAQ
5833 Clinton Hwy, Suite 203
Knoxville, TN 37912-2500
615 688-7771
MCI 390-4185

John Chism ND4N
139 Mustang Circle
Simpsonville, SC 29681
803 967-0001
MCI 725-6732

from INTERNET address E-Mail to either of us with 7 digit MCI mailbox # [no spaces or dashes] followed by @mcimail.com

WE'RE STILL LOOKING FOR A FEW GOOD VE TEAMS!

VE/VEC EXAM SCHEDULE Continues

Greensboro (W5YI-VEC)
Walk-in exams 3rd Thursday of each month, except December at Middle School Science & Math Bldg., Greensboro Day School. Registration at 6:30 PM, exams begin at 7:00. For info on Amateur or Commercial testing, contact: Charles Layno, WB4WOR (910) 288-3635, 7-9 PM, Mon. thru Fri. or call Real Talk (910) 299-2525, prompt 0076.

Hendersonville (W5YI VEC)
Blue Ridge QCWA conducts walk-in exams, but courtesy of reservation requested, at the Blue Ridge CC at 2:00 PM. Sunday. 1995 Sked: Sep. 10 & Dec. 3. Call W2YTO (704) 891-4359.

High Point (TEARC-VEC)
Exams occasional basis. Call Jim Williamson, NQ4T at (910) 841-7576 for more details. Sessions available for 5 or more.

Kernersville (TEARC VEC)
Exams 1st Saturday monthly, 9:00 AM at Kernersville Public Library. Call Grady White, WB4YBC (910) 661-1123.

Leicester (WCARS-VEC)
Walk-in exams 2nd Saturdays each quarter at 9:00 AM at Leicester VFD on Hwy. 63, (Asheville). Sked: Sep. 9, and Dec. 9. Call: Larry E. York, WB4PLA, (704) 683-1400.

Lexington (TEARC VEC)
Walk-in exams Aug. 26 and Nov.4 at 9:00 AM at the Robbins Recreation Center. Call Rae Everhart, K4SWN (704) 249-8734.

Marion (WCARS-VEC)
Walk-ins at 2:00 PM at Asheville Federal Bank Bldg. on Main St. of some months. Sked: Dec. 9. Call Randy Freeman, AC4JS, (704) 668-3176.

Morehead City (CCARS-VE Team)
Pre-registration preferred, limited walk-ins on 3rd Saturday of odd months at 1st Presbytarian Church, 9:00 AM. Call Art sylvester (919) 726-1205.

New Bern (ARRL-VEC)
New Bern ARC sponsors walk-in exams on the 1st Saturday of each month at 9:00 AM at the Craven Community College, Rm C-15. Contact Charlie Gould, KC3SB (919) 633-3178 or Ray Hemphill, KI4SJ (919) 637-4824.

Raleigh
Exams 1st Wednesday of even months. Pre-register by mail with SASE to AA4MY, 220 Carriage Trail, Raleigh, NC 27614.

Rocky Mount (ARRL-VEC)
Tar River ARC conducts walk-in exams at 9:00 AM at Rocky Mt. Childrens Museum, Sunset Park. Schedule: Sep. 23 and Nov. 25. Call Bill Thomas, WF2G, (919) 442-6131. Talk-in 147.12.

Robbinsville (WCARS-VEC)
Walk-in exams at the Graham Cty. Public Library at 7:00 PM On Sat. Sep. 16, Nov. 18. Call Janet N. Ward, KR4DU (704) 479-3173.

Rutherford County (WCARS-VEC)
Exams at Isothemal College in Spindale on 3rd Saturday, 1st month of each quarter. Oct. 21. Call: A.B. Brackett, KO4BJ, (704) 245-6334 or F. Bruce Tessinear, KD4OJ, (704) 657-5464.

Shelby Hamfest (WCARS-VEC)
Walk-in exams will be given both Saturday and Sunday Sept. 2 and 3rd at the Cleveland Community College at 2:00 PM during the Shelby Hamfest. For info contact Normal Harrill, N4NH (704) 253-1192.

Smithfield (ARRL-VEC)
Triangle East ARA conducts exams on 3rd Saturday each month. Write TEARA-VE, P.O. Box 840, Zebulon, NC. Call Dave Hockaday, WB4IUY, (919) 554-2154 or David Ragan, KR4TP (919) 365-5575.

Spruce Pine (WCARS-VEC)
Walk-in exams at Burnsville Public Library at 9:00 AM. Contact David McCarty KK4PW (704) 675-9044 or David L. Gillespie, WA4LLR (704) 675-9942.

Wilmington ACARC (ARRL-VEC)
Walk-in exams 2nd Saturday of even months at UNC-W in Morton Hall. Register 10:00 AM, testing at 10:30. Call VE Sam Franklin KB4IL (910) 791-0484.

Wilson VE Team
Pre-resig. exams Call Tommy Evans NE4J (919) 291-1738 nights, or 237-1898 days..

Yadkinville VE Team
Walk-in exams by Bear Creek ARC 2nd Saturday of each month at the Yadkinville Elementary School on Rt. 601 t 10:00 AM. Call Steve Hutchens, N4DEY at (919) 961-8741.

South Carolina

Charleston (ARRL & W5YI VEC)
Walk-ins only exams 3rd Saturday each month at 9:00 AM at Trident Tech College in N. Charleston. Even months are W5YI exams, odd months, ARRL exams. Contact: Ed Frank, KC4OOZ at 871-4368.

Columbia (WCARS-VEC)
Walk-in exams 3rd Saturday, even months, at the Red Cross Bldg., Bull Street and Harden Ext., 8:30 AM. Jun. 17, Aug. 19, Oct. 21, Dec. 10. Call Ray Rogers, N4WR, (803) 345-3373.

Ft. Mill (TEARC-VEC)
Walk-in exams on 3rd Saturday of every other month, (Feb., Apr., June, Aug., Oct., & Dec. at 9:00 AM. Call Joe Smith, KI4DG (803) 548-2732 for more information and locations.

Greenville (WCARS-VEC)
Walk-in exams 1st Saturday monthly at the Red Cross Bldg. on Grove Road 8:30 AM. Sep. 9, Oct. 7, Nov. 4, Dec. 2. Contact Sue Chism, ND4N, (803) 967-0001 or Jim Beach, AC4RJ, (803) 244-3797.

Lancaster (W5YI-VEC)
Pre-Registration or Walk-ins. 9:30 AM USC Main Bldg. Talk-in: 10-70. Sked: Aug. 12, Dec. 2. Call Grady Robinson, 283-8298.

Spartanburg (WCARS-VEC)
Exams 2nd Tuesday even months at 7:00 PM at Red Cross Bldg. on Garner Road. Oct. 10 & Dec. 12. Call Pete Theiler, KI4KN, 585-4919 nights, 576-5566 days.

Sumter (WCARS-VEC)
Walk-in exams 3rd Saturday 8:30 AM odd months at the Abundant Faith Church on Hwy. 521. Sep. 16, & Nov. 18. Call Dan Mask, WB4SGH (803) 775-9106.

Tennessee

Atoka (WCARS-VEC)
Walk-ins on 1st Sat. of each calendar quarter at 9:00 AM City Hall. Oct. 7. Call Walter R. Heald, WB4GIJ (901) 829-3712 or Jerry Covington, KB4VA (901) 476-6075.

Blount County, Maryville (WCARS-VEC)
Walk-in exams 2nd Monday even months at 7:00 PM at St. Andrews Ch. Hall. Oct. 9, Dec. 11. Contact: Carrol Peabody, W4PCA, (615) 982-5839 or Charles Williams, AA4WX (615) 983-9594. Talk-in on 146.655.

Bristol, Piney Flats (W5YI-VEC)
Walk-in exams all classes last Thursday of each month, 7:00 PM at Piney Flats Fire Hall. Commercial exams also 1st month of each quarter on day before Amateur Exams. For info call Bill Owen, W4VS (615) 968-3350 or Bob Alexander, WA4KHD (615) 968-3120. Special sessions also available as required, as well as facilities & accomodations for the handicapped.

Chattanooga CARC (ARRL-VEC)
Pre-Registration exams monthly except July and November at Red Cross Building, McCallie Ave. 6:00 PM. Contact Art Parry, WB4BGX (615) 886-4714.

N4BAQ

RAYMOND K. ADAMS
Certified Public Accountant

5833 Clinton Hwy., Suite 203 615
Knoxville, Tennessee 37912 688-7771

PROMOTION SPOTLIGHT PAGE!

PROMOTE YOUR ACTIVITIES ON THIS PAGE - CLUBS! NETS! REPEATERS! BUSINESSES! INDIVIDUALS! ONLY $27.00 PER BLOCK PER YEAR (4 BIG ISSUES). PREPAID. WRITE OR CALL OUR SALES MANAGER!!

EAST COAST 70 cm NET
432.090 SSB/CW
WEDNESDAYS 9 - 10 PM
NCS: WD4MBK ATLANTA
Coverage: VA, NC, SC, GA, FL, AL MS, LA, TN, IL, KY, OH, WV, IN

Welcome To The Durham FM Association
REPEATERS - WA4WTX

HILLSBOROUGH	DURHAM
147.225	145.45
224.26	444.10

Dial *911 For Durham Emergency
Dial *914 For Highway Patrol-Raleigh
DFMA Meets Second Tuesdays at 6 PM
147.225: Home of the "Possum Trot Net"
6:15 - 7:15 AM Monday - Friday

THE APPALACHIAN REPEATER ASSOCIATION, LTD.
Northern & Southern Divisions

29.620	Beckley, WV	KA8OTX . . . Spruce Mountain
29.680	Bluefield, VA	WZ8E . . . . . Onekla Peak
145.170	Beckley - West.	WF1G . . . . . Bolt Mountain
145.230	Beckley - North	N8FWL . . . . . Lick Knob
145.250	Bluefield, WV.	KD8XK . . . . . East River Mt.
145.310	Beckley - East	N8FCJ . . . . . Mann Mountain
146.625	Beckley - South	WF1G . . . . Flat Top Mountain
146.685	Mt. Lake, VA	WZ8E . . . Salt Pont Mountain
146.955	Bluefield, VA	WZ8E . . . . . Onekla Peak
147.030	Mullens, WV	KC8IT . . . . Herndon Mountain
147.270	Roanoke, VA	KB4QWO . . . . Poor Mountain
224.120	Beckley - South	WF1G . . . . Flat Top Mountain
442.300	Beckley - West.	AA8BS. . . . . Bolt Mountain
442.850	Roanoke, VA	KA4IXK . . . . . Poor Mountain
442.975	Abingdon, VA.	KB8KSP . . Brumley Mountain
443.475	Beckley - Town	N8FWL . . . . . Sullivan Hill
443.625	Bluefield, VA	WZ8E . . . . . Oneida Peak
444.000	Mullens, WV	KC8IT . . . . Bear Wallow, Mt.
444.125	Pineville, WV	AA8BS. . . . . Lambert Knob
444.400	Alderson, WV.	WF1G . . . . . Keeney Mountain
444.625	Bluefield, WV.	WZ8E . . . . . East River Mt.
444.800	Beckley - North	WF1G . . . . . Lick Knob

Plus Two full-time Duplex Link Repeaters Serving the ARA (WV-VA) and the PCRN (NC) Repeater systems

MID-SUMMER SWAPFEST
Since 1973, always the 3rd Saturday in July
Cary ARC POBox 53
Cary, NC 27512

Welcome to
W4LPL/REPEATER
"The Red Carpet Repeater"
Fayetteville, North Carolina
147.93/33
Proudly Serving our Community and the best darn Hams in the world

PIEDMONT AMATEUR RADIO CLUB PRESENTS

TALK-IN 147.06 -

FALLFEST

ARRL SANCTIONED

HAMFEST AND COMPUTER SHOW!

SEPTEMBER 16, 1995

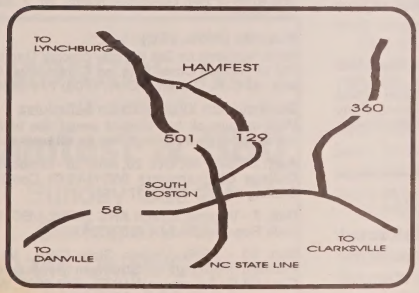
9:00 AM TO 3:00 PM

HALIFAX COUNTY SENIOR H.S.
SOUTH BOSTON, VA

BUY- SELL - TRADE

IN OUR SPACIOUS INDOOR SALES AREA. WE ALSO HAVE A LARGE OUTDOOR TAILGATERS AREA. (JUST LIKE THE GOOD OLD DAYS!)

Bring all your treasures



GOOD FOOD
LOCAL ACCOMODATIONS

LOTS OF PRIZES

AND THE FRIENDLIEST HAMS ANYWHERE

FCC EXAMS
pre-registration required, must have *new* Form 610, $5.90 and SASE
Exams start promptly at 9:30 AM
Contact Charles Lowery, AB4YR
RT 3 BOX 9
SO. Boston, VA 24592

PRE-REGISTRATION
$50.00 Pre-registration Prize

Call_____Name_____
Street_____
City_____State_____Zip_____

Make checks payable to:
Piedmont Amateur Radio Club

2031 Robert Hester Rd.
Hurdle Mills, NC 27541

Send SASE

___ Pre-registration tickets @ $4.00 each	$_____
$5.00 at the door	
___ Indoor Fleamarket tables	$_____
8 Foot tables @ $12.00 each	$_____
6 Foot tables @ $10.00 each	$_____
5 Foot tables @ $8.00 each	$_____
___ Outside Tailgating @ $3.00 per vehicle	$_____
TOTAL ENCLOSED	$_____

Pre-registrations without a SASE or received after Sept. 1 will be held at the gate

For information contact: Kathy Hendricks, AC4LB (910) 597-2959

VE/VEC EXAM SCHEDULE Continues

Chattanooga (WCARS-VEC)
Walk-in exams first Monday odd months at Walker County Civic Center, Hwy. 27, Rock Springs, Ga. at 7:00 PM. Contact Alan Painter, WA4QCH (706) 866-1200 or Dale Harwood, N4VFF, (706) 937-5680.

Columbia (ARRL-VEC)
Walk-ins on 3rd Saturdays of odd months, 9:00 AM at the Whitthorne Middle School on the Hampshire Parkway, (Hwy 412W) Call WD4OMP (615) 381-6814. Talk-in on 147.12.

Fentress County (WCARS-VEC)
Walk-in exams 3rd Thursday, 1st month of each quarter, 7:00 PM at First Baptish Church of Jamestown. Note: Elements administered may be limited to Technician at some sessions. Call Mike Ledbetter, AB4BX 879-8626 or Fred Davis, K8DOC, 879-9268.

Gallatin (WCARS-VEC)
Exams conducted at Volunteer State C.C. at 2:00 PM. Nov. 5.Call Ronnie L. Gilley, KA4LUG 452-0883 or Jerry Goodchild, K4DZR 824-7699.

Greeneville (WCARS-VEC)
Walk-in exams 4th Saturday odd months at Roby Adult Center on College St. Sep. 23, Nov. 25. Contact Abner Richards, KC4YVR (615) 639-6495.

Henry County (WCARS-VEC)
Walk-ins every 6 weeks at 9:00 AM at Henry County HS, Paris. Aug. 19, Sep. 30, Nov. 11 and Dec. 23. Call Mackie Gallimore AA4YF, 247-5489 or Les Merrell, KQ4F 642-5966.

Jasper (WCARS-VEC)
Pre-Registration, with some walk-ins (exams limited), 2nd Sunday at Jasper Public Library 1:00 PM. Sep. 10, Oct. 8, Nov. 12 & Dec. 10. Call Charles Wooten, KD4XX, 942-5116 or Wallace S. Brown, KD4XV, 942-2836.

Johnson City (WCARS-VEC)
Exams 3rd Saturday even months at 10:00 AM at ETSU, Room 223. Register 1/2 hour prior to exam. Aug. 19 & Dec. 16. Contact Charles Hensley, AC4QF, 743-5144 or C.V. Jayne, Jr., W4NHT, (retired) (615) 282-5822.

Knoxville (WCARS-VEC)
Pre-register till 9:30 AM, code begins at 10:00 AM, written 11:00 AM. 3rd Saturday of month at Pellissippi State Tech. Room B-129. Aug. 19, Sep. 16, Oct 21, Nov. 18 & Dec. 16. Commercial exams also available. Call Ray Adams, N4BAQ, 688-7771 or Rich Slover, ND4F P.O. Box 30754, KNoxville, Tn. 37930.

McMinn County (WCARS-VEC)
Walk-in exams 2nd Monday at 8:00 PM, odd Months at Athens Municipal Building Council Chambers. Sep. 11, and Nov. 13. Contact Evan Ray, WA4PNI (615) 263-9300.

Memphis (WCARS-VEC)
Walk-in exams 3rd and 4th Saturday of month at 9:00 AM, at Central Church on Winchester Road. Aug. 19 & 26, Sep. 16 & 23, Oct. 21 & 28, Nov. 18 & 25, Dec. 16 & 23. Contact Stan Moore, AC4CQ 795-5923 or Win Guin, W2GLJ (901) 754-4552.

Morristown (WCARS-VEC)
Walk-in exams at 7:30 PM last Wed. of odd months at Red Cross Bldg. (Elements may be limited to Technician at some exams) Sep. 27, Nov. 29. Contact John Hall AD4JB (615) 581-4227 or Mary Brooks, KD4NOH (615) 587-1902..

Murfreesboro (ARRL VEC)
Walk-in exams sponsored by the Stones River ARC are conducted on the 2nd Saturday of Jan., Apr., Jul., and Oct. at the Murfreesboro rescue squad building on old Murfreesboro Road. Contact Andy Green, AD4BZ, (615) 893-9497 or Mike Boyea, KE4KMG (615) 896-3669.

Nashville (ARRL-VEC)
Walk-in exams sponsored by the Nashville Ve Team are held on the second Saturday of the months of Mar., Jun., Sep., and Dec. at the Nashville Network on Opryland Dr. Registration begins at 9 AM. For information, contact Murray Jones, K4ANH at (615) 824-7216.

Piney Flats (W5YI-VEC)
Walk-ins on last Thursday of every month at 7:00 PM at Piney Flats Fire Department. Contact Bill Owens, W4VS (615) 968-3350.

Virginia

Bedford (ARRL-VEC)
Walk-ins 2nd Sunday, 2:00 PM at LIberty Lake Park Admin Bldg. Call Bob Treacy, W2QZY (703) 297-5351.

Danville (W5YI-VEC)
Walk-in exams last Tuesday of month at Danville Community College, Hill Building. Registration starts at 6:30 PM. Contact Jim Thomas, KB4XK (919) 234-8938.

Fredericksburg (ARRL-VEC)
The Fredericksburg VE Team sponsors walk-in exams at 9:30 AM at the Salem Church Library on Salem Ch. Rd., in Spotsylvania. Sked: Aug. 26, Oct. 28. Contact Kelly Shaw, AC4MB (703) 891-5581 or Carolyn Cavanagh, AC4SK (703) 373-7076. Talk-in on 147.015+

Galax (BARC Club VEs)
Walk-in exams held 2nd Friday of each month at 7:00 PM at the Galax Education Center. Call Joe Kolb, W2NL (703) 766-3121.

Richmond (ARRL-VEC)
ARRL exams held 2nd Saturday, even months at J. Sargeant Reynolds Community Col. at 9:00 AM. Contact Rick Cook, AB4U (804) 798-5048.

Richmond (W5YI-VEC)
W5YI exams held 2nd Saturday of odd months at 9:00 AM at McGuire General Hospital. Contact Dow Pierce, WA4HMX (804) 232-8128.

Roanoke (WCARS-VEC)
Walk-in exams at Hollins College at 9:00 AM Pre-Register only. Contact Fred L. Horton, KZ4Y (703) 366-6266 or Ben Giavaden, N4BG, Rt. 7, Roanoke, Va. 24022.

Roanoke (ARRL-VEC)
Walk-in exams on 3rd Sunday (except Dec.) at 2:00 PM at the Red Cross Bldg. on Church Ave. SW. For info call C.W. Garrett, AD4AV (703) 774-3656.

Southeastern Virginia Exam Schedules
Walk-ins are ok but contact would like to know in advance you are coming. Fee for all tests is $5.90.

Aug. 26, Sep. 30, Oct. 28, Nov. 25 - Gloucester RA College of Examiners (W5YI-VEC) Contact Fran Sterling KS4FO 693-2117.

Dec. 7 - Virginia Beach ARC (ARRL-VEC) Contact Judy Rogers KD4JMA 468-9166.

Sep. 23 - ARRL Virginia State Conv., Va Beach Pavillion (ARRL VEC) **Southern Peninsula ARC. Contact Ed Brummer W4RTZ , 898-8031. Walkins.**

Oct. 7 - **Williamsburg ARC** (ARRL VEC) Contact Larry Boellhoff, W4TMN 566-1435.

Nov. 4 - **Portsmouth ARC** (ARRL VEC) Contact Art Thiemens, AA4AT 484-2857.

West Virginia

Beckley (W5YI-VEC)
Walk-in accepted with completed 610 form accepted at 6:00 PM, Room C108 & C109 of Mine Safety & Health Admin. Academy near Beckley. The exams are conducted by the Smoke Signal Ridge VE Team, and sponsored by the ARA, Northern Div. Contact Gary Holt (304) 787-5753, Barbara Marsh (304) 763-3559 or Alex Hedrick (304) 252-9765 or 255-9106.

Bluefield (W5YI-VEC)
Walk-in exams on 2nd Saturday of each quarter, Feb., May, Aug., and Nov. at 9:00 AM Bluefield State College. Contact Don Williams, WA4K (703) 326-3338 or (703) 326-2411.

Charleston (W5YI-VEC)
The Kanawha Valley group gives Novice thru Extra exams, 9:00 AM, on 3rd Saturday of the month at Holy Trinity Catholic church in Nitro. Walk-ins ok. Talk-in on 40-00 St. Albans repeater.

VE Exam Schedule Continues on Next Page

PacComm TNCs

Tiny 2, Mk II	$135
PSK 1	$215
HANDIpacket	$210
TNC-NB96	$287
Pactor	$279
NB96i	$103
NB96x	$152

All Radio/TNC2 cables.....$18

The COUNTRY HAM
5 SHOO FLY CIRCLE
GIVHANS, SC 29472
(803) 821-8100 or (800) 476-3380

MasterCard / Visa / Discover

VECs Now number 16

The Charlotte VEC has informed the FCC that due to health problems of their administrator, they stopped testing as of July 1.

And the Great Lakes VEC has not conducted testing in more than 7 months.

WIN A FREE 2M MOBILE STATION
Consists of 2M Xcvr, and Mobile Antenna - Valued at over $400.00
Or part of over $4,000 worth of other prizes in the SERA Repeater Journal's
"Come Alive in '95" Contest
See Page 20 for Complete Details
This Contest Prize sponsored by SERA and
MediaPro
AND
Virginia Ham Radio Supply

VE/VEC EXAM SCHEDULE Continues

Glenville (ARRL-VEC)
The Pioneer ARA sponsors walk-in exams on 2nd Saturdays of Feb., May, Aug., and Nov. at the Glenville State college Library at 1:00 PM. Contact call Dave Ramezan, KA8ZXP (304) 462-7988.

Huntington TARA (W5YI-VEC)
Walk-in exams by the Tri-State ARA VE Team at Our Lady of Fatima Church, 545 Norway Ave. Check-in by 9:15 AM, exams at 10:00 AM. Call Jim Baker, K8KVX (304) 736-6542.

Nitro (W5YI-VEC)
Walk-in exams (register at site) are held at the Holy Trinity Catholic Church. Registration begins at 9:00 AM.. Call Jimmie Hewlett, WD8MKS (304) 768-1142.

Parkersburg (W5YI-VEC)
Walk-in exams (register at site) are held 2nd Saturday of the months of Feb., April, June, Aug., Oct., and Dec. at 10:00 AM at the E.O.C. on Staunton Ave., Rt. 47. Also Commercial tests. For info Call Dana Pickens, WV8G (304) 422-1823.

NOTICE TO VEC/VE TEAMS:
The Repeater Journal publishes brief exam schedules quarterly at no charge. You are invited to use this service. Send exam schedules, updates or changes to the Repeater Journal Editor. Deadline for May listings is April 1. See above format.

NOTE TO PROSPECTIVE EXAMINEES:
It is always a good idea to call the contact person to get full information as to what is expected of you when you arrive at the exam site. Many schedules are distributed in advance and changes occur. All examiners will require you bring: (1) Your original license. (2) A copy of your license. (3) Any original CSCEs you may have. (4) A copy of CSCE. (5) Identification, preferably photo I.D. with birth date showing. (6) checks are usually preferred payment.

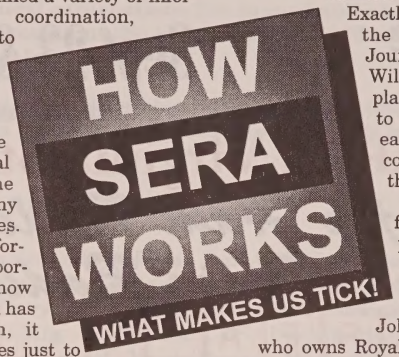
WIN PRIZES! SEE PAGE 20!

2nd Annual
MONROE, NC
Ol' Fashion
Hamfest & BBQ
Sunday Oct. 22
Starting at 9 AM
At the Union County Farmers Market
On Skyway Drive - 1 mi South of Highway 74, Monroe, NC
Admission Free
Tailgating - $5.00 ea.
Dealers in covered area
$6.00 in advance each table
BBQ Lunch Served!
Prepared by Wesley Chapel VFD
Sponsored by the Union County ARS (UCARS)
For more information contact
Ron Lawrence, KC4YOY
P.O. Box 4016, Stallings, NC 28106
(704) 289-1166 after 6 PM

The Repeater Journal and its Place

-by Wayne C. Williams, K4MOB, Editor

Every organization will have its newsletter. SERA is no different. When the organization was started in 1971, it was less than a month later that a newsletter was produced. The first Repeater Journal was printed in March of 1971. It contained a variety of information about coordination, repeaters, how to operate repeaters, and a repeater listing.



Today the Repeater Journal is basically the same, with many added features. We still have information about coordination, but now our organization has grown so much, it takes many pages just to list all the repeaters.

As the organization, and ham radio grew, so did the Repeater Journal.

Today the Journal is a valuable vehicle for advertisers, dealers, manufacturers, hamfest sponsors and others to get the message out across the southeast. We doubt there is another magazine in the nation like it.

The Repeater Journal staff is a small one, made up of several volunteers.

The Sales Manager is Sharon Ward, wife of David, KA4LVO our Records Chairman. She receives all the ads and sees that they get into production for each Journal. Sharon is not a licensed ham, but she has been dedicated to the organization as much or more than most others over the past 10 years.

Our billing or accounting manager is the newest member of the SERA organization. She has the status of being the only payroll person we have. Aside from keeping all the files in order and keyboarding data into the master SERA computer, she also does the billing for the Repeater Journal.

The editor and production manager of the Journal, is Wayne C. Williams, K4MOB. Wayne is responsible for seeing that everything comes together, the ads, the stories, the layout, and the design of the Journal. When he finishes, it is ready to go to the printers in negative form, ready for press plating.

Some of the key players in the Journal are the State news coordinators. They are the ones who either gather most of the news, or see that it is sent to the editor. Without their dedication, the Journal would suffer greatly. Our main ones, who send news religiously are: Ted Wolfe, WD4KHL of West Virginia, Gene Fegely, K3EJG of North Carolina and Ed Frank, KC4OOZ who writes the "low country" news from South Carolina. We have other correspondents who send in news occasionally. One of our main feature writers is Cindy Rogers, KR4LS who authors our "Tales from the Happy Hamette" column each issue.

Exactly three weeks from the startup of the Journal production, Williams will deliver plate ready negatives to the printer. A week earlier, he has sent cover information for the other printer.

We have two different printers who print the Repeater Journal. Benny Peterson, WB4SQC of Johnson City, TN, who owns Royal Printing Co. is in charge of printing our full color covers. One of Benny's artists has designed the covers of our last two Journals. Royal Printing then ships the folded covers down to our other printer.

Commercial Printers, headed by Frank Forehan of Kernersville, NC is responsible to see that the remaining insides of the Journal is printed, and assembled with the covers.

Exactly one week after he received the negatives, Frank has the completed Journals packed in about 60 to 75 cartons, ready for our circulation department.

On the designated Thursday afternoon, members of the Greensboro (NC) Amateur Society come by in trucks, pick up the Journals and deliver them to the mailing point. On the way, they stop off and leave several hundred Journals, which will be shipped UPS by the Editor to some 18 dealers in the Southeast for over-the-counter sales.

At the assembly point the remaining Journals are laid out for members of the club to place labels on each book, band them in bundles by zip code sequence, and bag them, ready for the post office.

Many people put out a massive effort each quarter to get the Repeater Journal in SERA member's hands. Other than the printers and the billing clerk, no one receives anything but a very warm thanks for their job.

No one ever offers any excuses, they are always on time, and get the job done like clockwork. SERA could not ask for a better overall team than those we have putting forth such a massive effort to publish a magazine each quarter.

The Repeater Journal is published each quarter in February, May, August and November.

Virginia Beach Hamfest

Sept 23 & 24, 1995

Virginia Beach Pavilion, Virginia Beach, Va.

ARRL Virginia State Convention

Major Ham Radio Manufacturers

Ham Radio Dealers

AREA'S LARGEST COMPUTER EXHIBIT

COMMERCIAL BOOTHS

Lewis Steingold W4BLO
1008 Crabbers Cove Lane
Virginia Beach, Va. 23452
(804) HAM-FEST

Tickets & Tables

Manny Steiner K4DOR
3512 Olympia Lane
Virginia Beach, Va. 23452
(804) HAM-FEST

Tickets for the show are $6.00.
A prize will be give for advance ticket holders.

AMATEUR RADIO EXAMS & UPGRADES

Sunday Morning, Sept. 24th - Radisson Hotel
CW - 0830 - 0930 Written - 0930 til Noon
No Charge For Novice Exam - All Others $5.90
All levels of exams will be offered. If licensed, you must bring your Original License, plus any Original CSCE's, and photocopies of each. Two positive forms of identification are required, one must have a photo.
SPARK VE Team will again be conducting the exams and upgrades this year. Walk-ins Only - For Info Call Ed at (804)898-8031

HONORED GUEST SPEAKERS

GORDON WEST WB6NOA

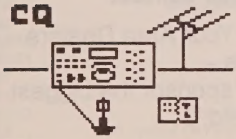
Gordon West has been a licensed Amateur Radio Operator for over 25 years, and also holds a commercial general radiotelephone license with radar endorsement. In his numerous monthly articles in over 17 national magazines, Gordon makes technical explanations fun to read and easy to understand. His recent amateur radio licensing books, sold throughout the country by Radio Shack, have been a sellout. His humorous style of writing encourages learning.

Gordon West is a life member of the American Radio Relay League, and a fellow with the Radio Club of America. His interest and involvement in Amateur Radio has been a benefit to all within the hobby.

WAYNE GREEN W2NSD/1

Editor/Publisher. . ."Cold Fusion" - 73 Amateur Radio Today - Radio Fun - IMPS Journal - Secret Guide to Music - Music Marketing - Declare War Update - Ham Radio Marketing - 20/20 Foresight
Record Labels. . .Greener Pastures - Green With Envy - NH Language Systems - Adventures In Music - Independent Music Producer's Syndicate. . . IMPS Mfg. - Collection CDS - Distributing - By Mail
Entrepreneur. . . Golden Studios - Uncle Wayne's Bookshelf - Music Books - Music Tees - Mesa Founder - ARRL - QCWA - OOTC - NIAC - NH Tech Council - P Pres. Peterborough C/C
And let's not forget my recent book. . .We the People *Declare War* On Our Lousy Government
Other interests. . .Scuba - Skiing - Cooking - Travel - Parapsychology - UFSs - Submarines - Cameras
Music. . .Classical - G&S - Ragtime - Bluegrass - Theater organ - Band organ - Country & Western

DX GUEST SPEAKERS



Bob Eshleman W4DR (#1 SBDXCC)
Al Hernandez WA3YVN (VP8SGP Dxpedition)
Chip Margelli K7JA (ZA1A and Cuba) also Yaesu Cruises
John Kanode N4MM (#1 Top of the Honor Roll)

SATURDAY NIGHT BANQUET

The committee is again proud to coordinate a banquet on Saturday night for $19.00 a person. Guest speakers will be Gordon West, Wayne Green, and Jerry Freeman (FCC)

A Family Weekend

The family will enjoy coming to the show, the largest of it's kind on the East Coast. The beautiful Va. Beach Oceanfront is just 6 short blocks from the Pavilion, and the weather will still be warm enough to get in that last swim of the season. The nearby Oceana Master Jet Base has open house to allow the public a first-hand look at the airplanes that defend our country. The local Tidewater area offers many museums. The following are just a few; Virginia Air and Space Museum, Virginia Marine Science Museum, Life-Saving Museum of Virginia, MacArthur Memorial Museum and Nauticus. You can see that the Hamfest will provide you with a wonderful weekend for the entire family.

DIRECTIONS

Take any road to I-64 and follow it to RT 44 (Va. Beach expressway). Take RT 44 to it's end. Just past the Pavilion turn right at stop light onto Park Ave. Make a right onto 19th Street and then use any entrance to the Pavilion Parking lot.

Editorial Comment - thoughts whizzing!

(Continued from Page 1)

Although I can't find the exact issue he started, but Ted Wolfe, WD4KHL has been writing for the Journal, and never missed a deadline since mid 1982.

The early friends who have stuck with SERA and the Journal over these past 10 years or more remain David and Sharon, Ray, and Ted. You are a great part of our success!

* * * * *

Sponsors of hamfests are reminded to get their 1996 dates to us as soon as they are established. We will print the entire 1996 Hamfest schedule in the upcoming November Journal. I cannot emphasize to you how important it is to have this listing in and published by the end of the year. We might also remind you that advertising in extra issues before your show is definitely a plus. Most who do, say it works! We have already attended several shows which were considered flops as far as attendance was concerned. Reason: They admitted not sending out flyers, and we noted they didn't advertise in the Repeater Journal. Some June and July shows were really down in attendance and sales. A full page ad in the Journal costs you only about 2-cents per reader. It doesn't take a mathemation to figure this is the best dollar value you can spend anywhere promoting your hamfest.

* * * * *

Shuffling through the dozens of periodicals I get every month, it suddenly dawned on me, I haven't seen **Florida Skip** for some time now. So I wrote my old editor friend, Andy Clark. A week or so later, I received a call from Gerry Wentz, KC4EHT who said Andy had finally retired. Gerry said he was now putting out **Florida Skip** and would put me back on the complimentary mailing list. Got my first issue a week or so later and was very pleased. Gerry is not only upholding the great tradition of the "Skip," but has made many improvements in it. Gerry has also promised to keep us up-to-date on Florida hamfest schedules for the **Repeater Journal** Calendar. Anyone wanting news about the sunshine state hams, clubs and organizations might want to subscribe. **Florida Skip** published monthly, is $12.00 a year. Send check, with name, call and mailing address to: **Florida Skip, 672 Indian River Dr., Melbourne, FL 32935.** (Be sure to tell Gerry we at the Repeater Journal sent you!)

* * * * *

A note from one our Directors said - "Wayne, write something in the Journal describing the long process for applying for a repeater requency, so people will be aware of what to do, and how long it takes."

With this in mind, along with several other suggestions, we have initiated a series of continuing articles in the Repeater Journal, some written by Directors, some by our officers, and others involved in the day to day operation of SERA. The series will be identified by the logo **"How SERA Works; What Makes us Tick."** We have several starting in this issue. I hope they will be of some help to all of you to understand just what it is we do, and just what is expected of prospective repeater owners, as well as existing repeater owners.

-Wayne C. Williams, K4MOB, Editor

SEE YOU AT THE

47th AUGUSTA, GA

HAMFEST

AND COMPUTER SHOW

SATURDAY - OCT. 14, 1995

9:00 - 4:00

★ VE TESTING

★ ARES FORUM

★ FIELD CHECK FOR:
WAS - 5BWAS, VUCC

★ SPECIAL AWARDS

For Hamfest Information Contact:

Richard, KR4XN 706-860-3828 or
Rhonda, KE4DIM, 706-560-9600

You Might Win!

Part of over $4,000 In Ham Prizes
in the

"Come Alive in '95"

SERA Membership Contest

The Repeater Journal - Your Area Dealers - and Many Manufacturers - Have gotten together to sponsor the biggest contest we have ever held.

Thanks to these Participating Dealers

Communications HQ
Rays Amateur Elec.
The Country Ham
IRI Electronics
Virginia Ham Radio Supply
Williams Radio Sales
MediaPro

And Many Manufacturers Who will Assist in Prizes

You might be lucky . . .

See Page 20 and our Promo Ads for complete details. Contest Runs through September 3. The final Drawing will be held Sunday at the SARC Shelby NC Hamfest.

The SERA Repeater Journal
Hamfest Calendar

Corrected as of 7-25-95

REMAINDER OF 1995 LISTINGS

AUGUST, 1995

5 . . . . . .Mid-Ohio Valley ARC Hamfest, PARKERSBURG, WV
5 . . . . . .7th Annual High Point RC Hamfest, HIGH POINT, NC
5-6 . . . .SE ARRL Div. Conv/22nd Annual Hamfest, JACKSONVILLE, FL
6 . . . . . .45th Annual Winchester Hamfest, BERRYVILLE, VA
12 . . . . . .Tri-State ARA Hamfest/Computer Show, HUNTINGTON, WV
12-13 . . . . . .ARK-LA-TEX Hamfest, SHREVEPORT, LA
13 . . . . . .Summit ARA Carrol Cty HF/Comp.Show, WESTMINSTER, MD
13 . . . . . .Queen City Hamfest/ComputerFair, CHARLOTTE, NC
19-20 . . . . . .Hamfest, HUNTSVILLE, AL
20 . . . . . .GCARA Hamfest, CINCINNATI, OH
25-26 . . . . . .DX Convention, NEW ORLEANS, LA
26 . . . . . .Confederate Signal Corps Hamfest, MADISON, GA

SEPTEMBER, 1995

2-3 . . . . . .39th Annual Hamfest, SHELBY, NC
9-10 . . . . . .Hamfest, MELBOURNE, FL
10 . . . . . .FARFEST '95 Hamfest, GAITHERSBURG, MD
16 . . . . . .Ascension ARC Hamfest, GONZALES, LA
16 . . . . . .Fallfest, SOUTH BOSTON, VA
16 . . . . . .1st Annual Anderson RC Hamfest, ANDERSON, SC
23 . . . . . .Lanierland ARC Hamfest, GAINSVILLE, GA
23 . . . . . .Central Lousiana Hamfest, ALEXANDRIA, LA
23-24 . . . . . .Hamfest & Computer Fair, VIRGINIA BEACH, VA
24 . . . . . .Hamfest, NEW PORT RICHEY, FL

OCTOBER, 1995

2-3 . . . . . .Miss. Coast ARA 19th Annual Ham/Swapfest, BILOXI, MS
14 . . . . . .47th Annual Hamfest/Comp Show, AUGUSTA, GA
14 . . . . . .Hamfest, WAYCROSS, GA
14-15 . . . . . .Memfest '95 Hamfest, MEMPHIS, TN
20-21 . . . . . .Hamfest, STARK, FL
21 . . . . . .Tri-Cities Hamfest, GRAY, TN
21 . . . . . .Hamfest, SUMTER, SC
21-22 . . . . . .Palm Beach RA Hamfest, W. PALM BEACH, FL
22 . . . . . .2nd Annual Ol-Fashun Hamfest & Barbeque, MONROE, NC
28-29 . . . . . .Hamfest Chattanooga '95, CHATTANOOGA, TN

NOVEMBER, 1995

4 . . . . . .CCARS Fall Festival and Hamfest, SANFORD, NC
4 . . . . . .Hamfest, EUSTIS, FL
4 . . . . . .Hamfest, LAKE WORTH, FL
4 . . . . . .Mobile ARC Computer Fest/Hamfest, MOBILE, AL
5 . . . . . .Hamfest, CONCORD, NC
11 . . . . . .Hamfest, TITUSVILLE, FL
11 . . . . . .Twin City Hams Hamfest, WEST MONROE, LA
11 . . . . . .18th Annual Hamfest, MONTGOMERY, AL
12 . . . . . .3rd Annual Hamfest & Computer Expo. MYRTLE BEACH, SC
18 . . . . . .CRA/TTARS Hamfest, COOKEVILLE, TN
18-19 . . . . . .Indiana State ARRL Conv./Hamfest, FT. WAYNE, IN
18-19 . . . . . .Fl. State ARRL Conv./Suncoast Convention '95, TAMPA, FL
19 . . . . . .7th Annual JARSFEST, BENSON, NC

DECEMBER, 1995

2 . . . . . .15th Hamfest & Computer Show, GREENSBORO, NC
2 . . . . . .Hamfest, OKEECHOBEE, FL
2 . . . . . .Hamfest, OCALA, FL
9 . . . . . .1st Annual Hamfest, LAKE CITY, FL
10* . . . . . .HolidayFest '95, LARGO, MD

Please Note: Hamfest dates marked with an asterisk (*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the ***Repeater Journal*** Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from ***TSRAC AR News*** Bulletin, Kay Johnson, KB4HXX, Secretary, ***SEDAR*** (South Eastern Dealers of Amateur Radio), Gerry Wentz, KC4EHT, Editor, ***Florida Skip,*** John Queen, KA0SEY, Editor, ***AutoCall Magazine***, our ARRL Directors, and the response of many clubs and individuals sponsoring hamfests and computerfests each year.

CONFIRMED 1996 LISTINGS JAN THRU JULY.

JANUARY, 1996

6-7 . . . . . .City of Palms Hamfest, FT. MYERS, FL
13-14 . . . . . .17th Annual Hamfest & Computer Show, SARASOTA, FL
20 . . .16th Citrus County Hamfest/Computer Show, CRYSTAL RIVER, FL
21 . . . . . .Hamferst, PINELLAS PARK, FL

FEBRUARY, 1996

3-4 . . . . . .Tropical Hamboree, MIAMI, FL
10 . . . . . .Hamfest, CHARLESTON, SC
10 . . . . . .Hamfest, PENSACOLA, FL
10 . . . . . .Hamfest, ARCADIA, FL
16-18 . . . . . .Hamfest, ORLANDO, FL

APRIL, 1996

13 . . . . . .Hamfest, BOWLING GREEN, KY
14 . . . . . .RARS Hamfest/Computer Fair, RALEIGH, NC
27-28 . . . . . .Hamfest, GAINESVILLE, FL

MAY, 1996

17-19 . . . . . .45th Hamvention - Hara Conf & Exhib. Cen), DAYTON, OH

JUNE, 1996

14-15 (Fri. eve-Sat) . . . . . .Hamfest/Computer Fair, ALBANY, GA

OTHER 1996 CONFIRMED DATES

Sept. 13-15 . . . . . .ARRL Nat'l Conv./Hamfest, PEORIA, IL
Sept. 15 . . . . . .TSRAC Hamfest, Computer Fair, WHEELING, WV
Nov. 9 . . . . . .Hamfest, WEST MONROE, LA
Nov. 23-24 . . . . . .SE ARRL Div. Conv, TAMPA, FL

NOTICE TO HAMFEST SPONSORS

Free listings of your Hamfest will appear in the Repeater Journal from the time you send it in until the issue before your show. Send all show dates and confirmations to the editor. We will publish our entire 1996 hamfest calendar in the November issue. Deadline for listings & Confirmations to the Editor is 10-15-95.

END YOUR SEARCH FOR THE BEST DEAL WITH DEN-TRONICS

LOOK NO FURTHER DEN-TRONICS HAS . . .

KAM	MM-3 KEYER	FSTV-430
KPC-2400	PK-88	TERMINAL SOFTWARE
KPC-2	ISOPOLE	SIERRA COMPUTERS
KPC-4	HOT RODS	MFJ-1278
PK-232	MM-3	MFJ-1270B
AT-300	AT-3000	

AND MORE!

ALL PRODUCTS CURRENTLY IN STOCK FOR IMMEDIATE DELIVERY!

ORDER LINE
1-800-PAC-KITT

DEN-TRONICS
AMATEUR RADIO & COMPUTER
6102 DE LAND RD.
FLUSHING, MICHIGAN 48433
(313) 659-1280

Full Membership Passes the 1200 mark!

The Full Membership of SERA passed the 1200 mark for the first time in history this quarter. A total of 1,216 full member repeaters have joined for the year of 1995. This represents 104 more than we had for all of 1994. More will come in the final half of the year.

See the chart below for by-state memberships and percentages. Virginia leads in percentage with 72.2%.

North Carolina has the most repeater members with 273. All states but two have achieved at least a 50% membership mark. Overall, SERA can boast a 58.7% membership of repeaters in the organization. Keep in mind, membership is voluntary.

This measures the support repeater owners have given for our organization, which is outstanding.

We have a total of 6 repeaters out of Florida and Texas who joined SERA.

It's not too late to join - repeater owners may fill out the Full Membership application in this issue and send it in, we'll get you shown as a member repeater in the next issue.

Watch for datasheets in October!!!

SERA - SouthEastern Repeater Association, Inc.-Full Membership

Full Membership - By State - By Year - From 1986 to Present.

SERA DIST	TTL '86	TTL '87	TTL '88	TTL '89	TTL '90	TTL '91	TTL '92	TTL '93	TTL '94	Curr'95 MBR. RPTR	1995 CURR Mbr%	TOTAL STATE RPTRS
NC	147	123	145	181	157	189	220	243	265	273	69.6%	392
SC	43	44	46	59	50	53	60	68	68	79	61.7%	128
VA(1)	88	98	99	151	122	127	136	157	173	177	72.2%	245
WV	40	51	39	51	54	67	70	62	70	86	62.3%	138
TN	63	80	80	111	128	155	179	188	182	18	45.1%	399
GA(2)	125	110	100	104	124	142	173	195	208	236	62.3%	379
KY(3)	21	19	15	48	53	66	70	80	86	118	54.1%	218
MS(4)	--	--	3	12	36	38	36	50	60	67	38.5%	174
TTLS	527	525	527	717	724	837	944	1043	1112	1216	58.7%	2073

OUT OF SERA TERRITORY REPEATERS JOINING AS FULL MEMBERS - FOR 1995 --- 6

(1) Total Virginia list does not include 84 or more repeaters in T-MARC Territory, (North of Highway 33 and Latitude 38-degrees North, and 8 Repeaters in the West Virginia Panhandle area.
(2) Georgia assumed SERA District Status in mid 1985.
(3) East Kentucky assumed SERA District in 1985. In late 1989 the Western part of the State joined and district renamed Kentucky District.
(4) Mississippi assumed SERA District Status in late 1989. *Updated as of 7-30-95*

NOTE: Due to data base changes, the total state repeater column is also updated. This accurately portrays the number of repeaters in each state, each quarter as this chart is updated and reproduced.

SERA Financial Report - By Ray Adams

N4BAQ, TREASURER - SOUTHEASTERN REPEATER ASSN., INC.

FINANCIAL REPORT FROM JANUARY 1 TO JUNE 30, 1994 AND 1995

	1994 $8/$20	1995 $8/$20
REVENUES		
Advertising	$10,909.00	$13,629.00
News stand sales	550.00	854.00
Members dues	14,052.00	14,192.05
Interest	115.65	167.04
	$25,626.65	$28,842.09
EXPENSES		
Journal production	$12,726.04	$14,584.74
Journal distribution	2,503.19	2,690.76
Payroll and payroll taxes	- 0 -	393.74
Travel and meetings	902.51	1,549.50
Office expenses	377.76	668.05
Postage - other than Journal	1,004.31	663.53
Printing - other than Journal	235.13	129.60
Telephone	331.52	768.55
Other	183.50	15.00
	$18,263.96	$21,463.47
REVENUES OVER EXPENSES	$ 7,362.69	$ 7,378.62
Balances, beginning of year:		
Expenses advanced	$ 900.00	$ 900.00
Net carrying value of office equipment	2,948.64	9,194.05
Cash on deposit	21,385.42	26,909.92
	$25,234.06	$37,003.97
Less dues collected, not earned	21,463.50@	24,110.00*
	$ 3,770.56	$12,893.97
EQUITY TO ACCOUNT FOR	$11,133.25	$20,272.59
Less: Expenses advanced	$ 900.00	$ 900.00
Net carrying value of office equipment	8,326.15	11,539.43
	$ 9,226.15	$12,439.43
Less dues collected, not earned	19,654.50*	22,399.50*
	$10,428.35*	9,960.07*
CASH ON DEPOSIT	$21,561.60	$30,232.66

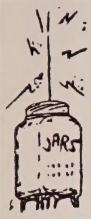
@ = Extraordinary charge on January 1, 1994 to convert accounting for members dues from cash to accrual basis. Because of this change, propr periods are not comparable.

* = negative amount

Repeater Journal Advertising Index

ALINCO Electronics, Inc. (CA) ....Cov. VIII
Anderson (SC) Hamfest 40
Antennas are us (SC) 11
Augusta (GA) Hamfest 58
Bamcom Communications (LA) 22
Benson (NC) Hamfest .....Cov. V
C3I (Audio Processing) (VA) 39
Charlotte ARC Hamfest (NC) 12
Communications Headquarters (NC) 44
Computer Automation Technology (FL) ..38
Concord (NC) Hamfest 23
Country Ham (SC) 54
Custom 4-U License Plates (WV) 37
Den-Tronics (MI) 59
Dynamic Engravers (NC) 9
Greensboro (NC) Hamfest 14
Hampstead Computer Works (NC) 6
IRI Electronics (NC) 42
Link Communications (MT) 16-17-18-19
MediaPro (OH) 50
Merlin's Custom Embroidery (VA) 22
Monroe (NC) Hamfest 55
NCG Companies (Comet) (CA) ..Cov. II, III
Newtronics Ant. Corp. (Hustler) (TX) .Cov. IV
Pollard QSL Bureau Press (SC) 21
QRV Electronics (GA) 7
Repeater-Club-Net Svc. Page 52
Repeater Journal Advertising Rates 43
Repeater Journal News Stand Dealers ..9
RF Parts (Diamond) (CA) .....Cov. VII
Rosewood Co. (SC) 46
Royal Printing Co. (TN) .....Cov. VI
Shelby (NC) Hamfest 4-5
South Boston (VA) Hamfest 53
StarTec International (FL) 41
Sumter (SC) Hamfest 45
The RF Connection (MD) 46
Virginia Beach (VA) Hamfest 56-57
Virginia Ham Radio Supply (VA) 8
WCARS-VEC 51
West Antenna Corp. (NC) 47
Williams Radio Sales (NC) 3-13
Wireman (Certified Comm.) (SC) 6

Hamfest Sponsors that Advertise in the Repeater Journal Have Successful Hamfests!!! There are 11 This Issue!



7th Annual

JARSFEST 95

ARRL Sanctioned Hamfest

SUN. NOV. 19
8:00 A.M. TO 4:00 P.M.

AMER. LEGION COMPLEX
Hwy. 301 N.
BENSON, NC

Adv. Reg. $4.00 — At Door $5.00 — Child (Under 12) **Free,** With Adult

Talk-In On 147.270 + 600

BUY, SELL, TRADE *Plus* EXAMS, DEALERS, FOOD

DRAWINGS FOR MANY PRIZES

***GRAND PRIZE* — Dual Band Mobile Transceiver**

2nd PRIZE — Two Meter Mobile

INSIDE TABLES FOR RENT (All Spaces Sold out In 94)

Inside Set Up: 6:00 AM Reserve Your Space Now

Outdoor Tailgating

Great Food
Biscuits — Burgers — Dogs & More

NOTICE:
Due to local ordinances and club policy, neither weapons nor pornographic material may be displayed or sold at the JARSFEST site.

Local Lodging: DAYS INN (919) 894-2031 & DUTCH INN (919) 894-7562

EXAMS BEGIN: 10:00 AM (SHARP)

Amateur Radio Exams (Courtesy of RARS VE TEAM)

By pre-registration until November 13th. Send your completed Form 610, photo copy of your current license (if applicable), indicate the highest class of license you desire to be tested for, and a check or money order for $5.90 payable to JARS to: Vince Yakamavich — AA4MY, 220 Carriage Trail, Raleigh, NC 27614, (919) 847-8512 (exam info only).

To Reserve Space or More Information Call: (919) 894-3352, 894-3100 & 894-5479 (7:00 p.m. - 10:00 p.m.)

Please Print Clearly

JARSFEST 95 Pre-registration

Make Checks Payable To JARS

Name _____ Call _____

Address _____

City _____ State _____ Zip _____

Phone (_____) _____

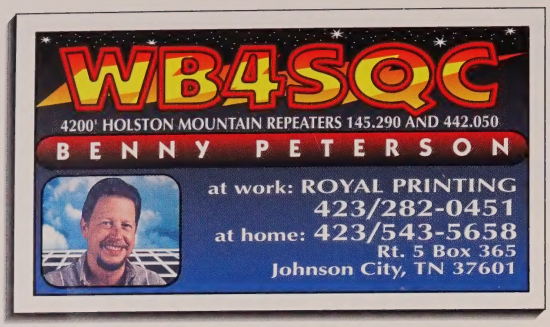
_____ Pre-registration Tickets @ $4.00 ea. $ _____

_____ Indoor Fleamarket Tables @ $8.00 ea. plus registration $ _____

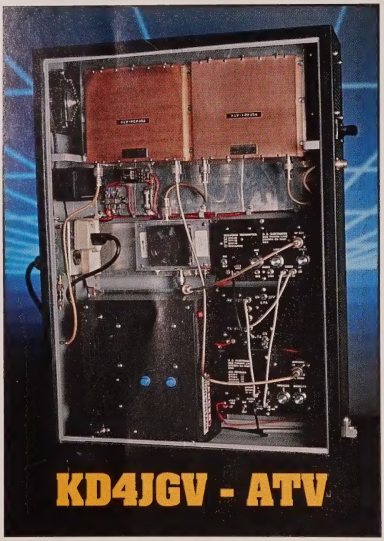
_____ Outside Tail Gate Spaces @ $4.00 ea. plus registration $ _____

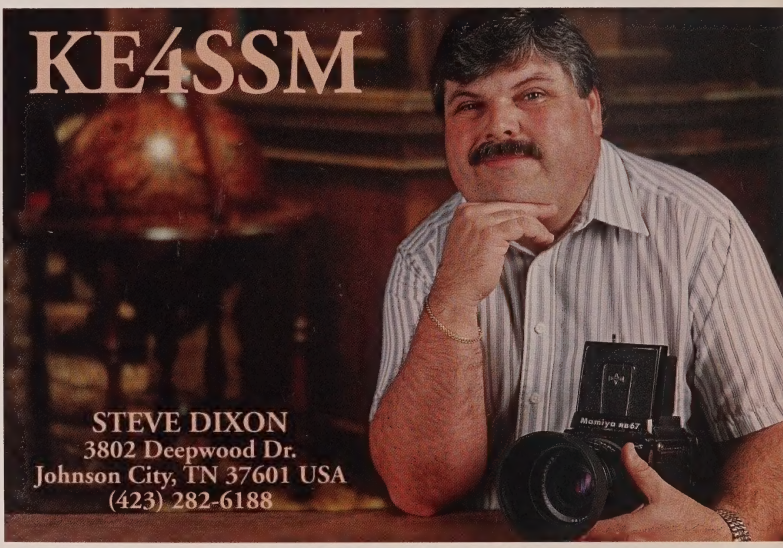
Pre-registration Requests Received Without An S.A.S.E. Or After November 13th Will Be Held At The Door

JOHNSTON AMATEUR RADIO SOCIETY, INC
P.O. Box 302, Benson, NC 27504

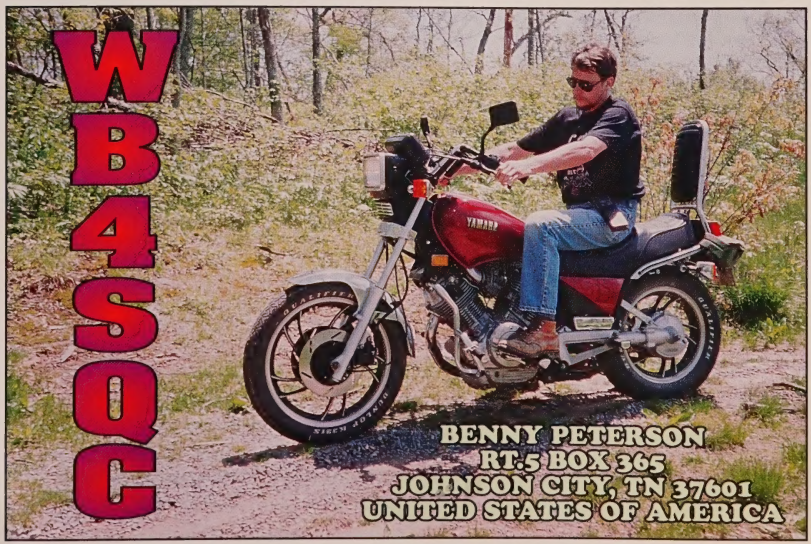


ANOTHER MODE OF COMMUNICATION by: ROYAL PRINTING





PHOTOGRAPHY FOR FRONT COVER AND THIS AD BY STEVE DIXON



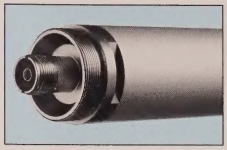
DIAMOND ANTENNAS –
THE STANDARD BY WHICH ALL OTHERS ARE JUDGED

DIAMOND ANTENNA

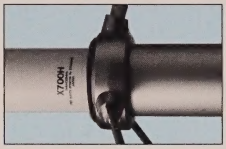
ACCLAIMED AS THE TECHNOLOGICAL LEADER IN SINGLE & MULTIBAND ANTENNAS
●WIDE-BAND PERFORMANCE ●FACTORY ADJUSTED/NO TUNING REQUIRED
●HIGHEST GAIN ●UPS SHIPPABLE ●HIGH WIND RATING ●FIBERGLASS RADOME
●DC GROUNDED ●STAINLESS HARDWARE

X-500HNA

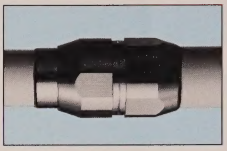
RUGGEDIZED BASE/ REPEATER ANTENNA



COAX CONNECTION AT BASE END



HEAVY DUTY BASE/ RADIAL ASSEMBLY



STRONG JOINT COUPLINGS

X series

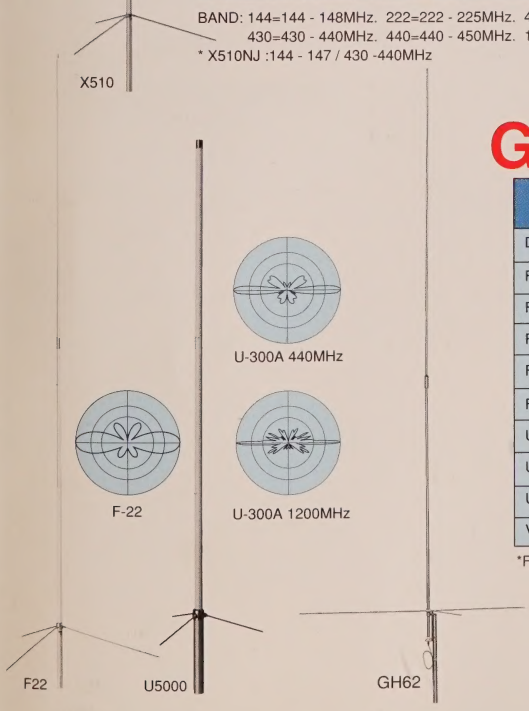
MODEL	BAND(MHz)	GAIN(dBd.)	WATTS	CONN.	HT. Ft.	RATED WIND/ MPH
X-50A	144/440	4.5/7.2	200	UHF	5.6	135
X-200A	144/440	6.0/8.0	200	UHF	8.3	112
X-300A	144/440	6.5/9.0	200	UHF	10.2	112
X-510NA	144/440	8.3/11.7	200	N	17.2	90
X-510MA	144/440	8.3/11.7	200	UHF	17.0	90
X-500HNA	144/440	8.3/11.7	200	N	17.8	90+
X-700HA	144/440	9.3/13.0	200	UHF	24.0	90
X-2200A	144/222	6.0/7.8	150	UHF	11.5	112
X-3200A	144/222/440	6.0/7.8/8:0	100/200	N	10.5	112
X-6000A	144/440/1240	6.5/9.0/10.0	100/100/60	N	10.5	112

147MHz

445MHz

RADIATION PATTERNS FOR X-500HNA/X-500MA/X-510NA

BAND: 144=144 - 148MHz. 222=222 - 225MHz. 420=420 - 430MHz.
430=430 - 440MHz. 440=440 - 450MHz. 1240=1240 - 1300MHz.
* X510NJ :144 - 147 / 430 -440MHz



GH/F/U&V series

MODEL	BAND(MHz)	GAIN(dBd.)	WATTS	CON N.	HT. Ft.	RATED WIND/ MPH
DP-GH62	50	6.0	200	UHF	21.0	78
F-22A	144	6.7	200	UHF	10.5	112
F-23A	144	7.8	200	UHF	15.0	90
F-142A	222	5.5	200	UHF	6.0	110
F-718A*	440	11.5	250	N	15.0	110
F-1230A	1240	13.5	100	N	10.5	90
U-200A	440/1240	8.3/11.7	100	N	5.9	135
U-300A	440/1240	8.6/13.2	100	N	8.3	110
U-5000A	144/440/1240	4.5/8.3/11.7	100	N	5.9	135
V-2000A	50/144/440	2.1/6.2/8.4	150	UHF	8.3	110

*F-718A:440 - 450MHz, F-718J:430 - 440MHz, F-718L:420 - 430MHz

RF PARTS
SAN MARCOS,CALIF.
(619) 744-0900

NEW **DX-70T**

NOW THE EXCITEMENT REALLY BEGINS!

Enter a completely new dimension in HF enjoyment with the hottest transceiver today: Alinco's DX-70T. This incredibly compact 100 watt delight is priced comparable to its size, yet loaded with today's most wanted features, including all-mode 6 meter operation. It is the perfect new rig for newcomers, pros and everyone demanding top value in a go- anywhere, do-it-all transceiver. Alinco's DX-70T is ready to go where you go---do what you do, and proudly tell the world about it! Now this is hamming!

Features Galore!

The DX-70T operates 160 through 6 meters, includes general coverage reception, dual VFOs, 100 tunable memories, and 38 CTCSS tones for 6 and 10 meter FMing. It also has IF shift, wide and narrow CW filters, selectable semi and full CW break-in,RF preamp, attenuator and high performance noise blanker---all built in! Alinco's DX-70T puts you on top of all the action!

A Mobile Treat!

The DX-70T fits in the smallest space, and its removable front panel can be mounted right on your auto's dash or console for a custom installation. It has a large tuning knob plus a separate multi-function sub tuning knob with 100KHz steps for quick and easy frequency shifts.

Enjoy With Confidence!

The easy-to-operate DX-70T is an outstanding performer, exceptionally reliable and backed with a full one year warranty. Your total enjoyment is guaranteed!

Features

- Frequency Range
  - 160-6meters(Tx)
  - 150 KHz-30MHz, 50-54MHz(Rx)
- Power Output:
  - 1.8-30MHz SSB, CW, FM: 100 watts
  - (10 watts low, 40watts AM)
  - 50-54 MHz: SSB, CW
  - FM: 10 watts (4watts AM)
- Dual VFOs
- 100 tunable memory channels
- Semi and full CW break-in
- Wide and narrow/500Hz CW filters included
- Separate RIT and TXIT controls (±1.4KHz)
- Auto SSB mode select W/override
- 38 CTCSS tones for deluxe FMing
- Noise Blanker
- Selectable RF preamp and attenuator
- Subdial for bands, memories, tuning
- World's smallest 100w HF xcvt: 2.25 x 7 x 9 inches(H.W.D.)
- Weight 6.2 lbs.
- DC cable, mic included
- Optional 5 ft. remote cable
- Optional mobile mount bracket
- Optional manual antenna tuner

Now Available

ALINCO ELECTRONICS INC.
438 Amapola Ave., #130, Torrance, CA 90501
Phone: (310) 618-8616 / Fax: (310) 618-8758

Better Products, Better Service. See for yourself why people are coming to ALINCO.